STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO: Fee
6. SURFACE: Fee

1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐

7. IF INDIAN, ALLOTTEE OR TRIBE NAME:

B. TYPE OF WELL: OIL ☑ GAS ☐ OTHER ____ SINGLE ZONE ☑ MULTIPLE ZONE ☐

8. UNIT or CA AGREEMENT NAME:

2. NAME OF OPERATOR: El Paso E&P Company, L.P. c/o H&B Petroleum Consultants

9. WELL NAME and NUMBER: Cloward 2-34A1

3. ADDRESS OF OPERATOR: 291 Daffodil CITY Casper STATE Wy ZIP 82604
PHONE NUMBER: (307) 237-9310

10. FIELD AND POOL, OR WILDCAT: Altomont/BlueBell 105

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 1125'FSL & 660 FEL 587077X 40.348857
AT PROPOSED PRODUCING ZONE: 4466772Y -109.974678

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 34 T1S R1W

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 4.26 miles North of Roosevelt, Urah

12. COUNTY: Uintah
13. STATE: UTAH

15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET): 660
16. NUMBER OF ACRES IN LEASE: 640
17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 640

18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): 2850
19. PROPOSED DEPTH: 13,600
20. BOND DESCRIPTION: 400JU0708

21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5187 ungraded ground
22. APPROXIMATE DATE WORK WILL START: Upon Approval
23. ESTIMATED DURATION: 56 Days

Old location DM 6/11

24. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
17 1/2	13 3/8			600	Class G 400 sx	1.15cuft/sx	15.6 lb/gal
12 1/4	9 5/8"	N-80	40 lb	4,900	Lead:Prem Lite 540 sx	3.2cu/ft/sx	11 lb/gal
					Tail: Class G 160 sx	1.25 cuft/sx	14.4 lb/gal
8 3/4	7"	HCP 110	29 lb	9,900	Class G 540 sx	1.65 cuft/sx	12.49 lb/gal
					Tail: Class G 60 sx	1.62cuft/sx	14.1 lb.gal
6	4 1/2"	~~HCP 110~~	~~13.5 lb~~	9700 - 13,600	Class G 220 sx	1.86 cuft/sx	14.5 lb/gal
	Liner	P-110	15.1 lb				

25. ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
☐ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
☑ COMPLETE DRILLING PLAN
☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Larry D. Brown
TITLE Agent for El Paso E&P Company, L.P.
SIGNATURE Larry D Brown
DATE 2-11-08

(This space for State use only)

API NUMBER ASSIGNED: 43-047-39944

APPROVAL:

RECEIVED
FEB 13 2008
DIV. OF OIL, GAS & MINING

(11/2001)

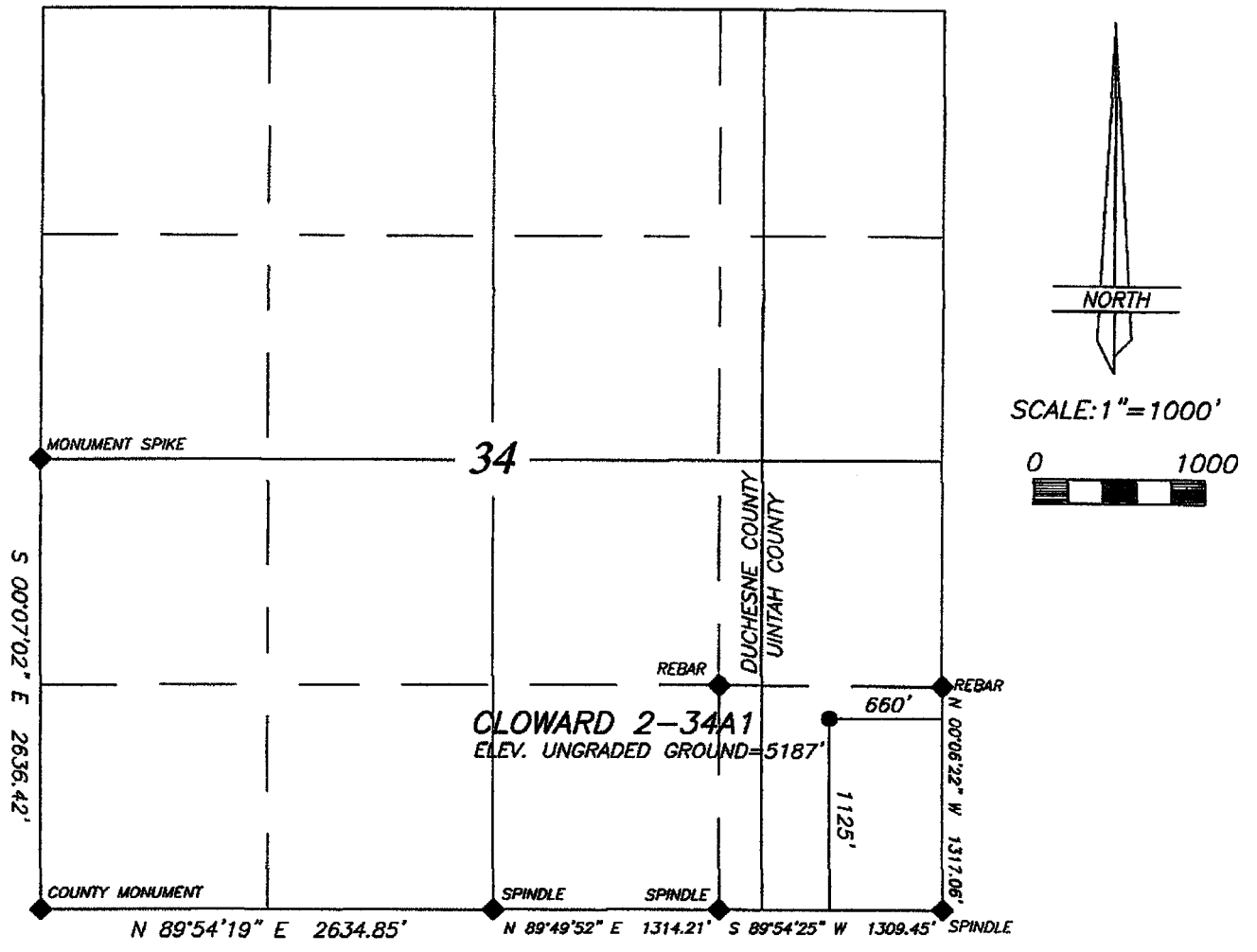
(See Instructions on Reverse Side)

EL PASO E & P COMPANY, L.P.

WELL LOCATION

CLOWARD 2-34A1

LOCATED IN THE SE¼ OF THE SE¼ OF SECTION 34, T1S, R1W, U.S.B.&M. UINTAH COUNTY, UTAH



BASE STATION
LAT: 40°20'35.62573"
LONG: 109°59'30.14134"

LEGEND AND NOTES

◆ CORNER MONUMENTS FOUND AND USED BY THIS SURVEY

THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS AS WAS THE U.S.G.S. MAP

THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT

BASIS OF BEARINGS: G.P.S. OBSERVATION WITH BASE STATION AS INDICATED

BASIS OF ELEVATIONS: NAVD 88 DATUM USING THE POST PROCESSED GPS ELEVATION AT THE BASE STATION OF 5224.48

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM THE FIELD NOTES AND ELECTRONIC DATA COLLECTOR FILES OF AN ACTUAL SURVEY PERFORMED BY ME OR UNDER MY PERSONAL SUPERVISION DURING WHICH THE SHOWN MONUMENTS WERE FOUND OR REESTABLISHED.

JERRY D. ALLRED

JERRY D. ALLRED, REGISTERED LAND SURVEYOR
CERTIFICATE NO. 148951 (UTAH)

STATE OF UTAH

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
121 NORTH CENTER ST.--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

14 DEC 2007 01-128-028

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/13/2008

API NO. ASSIGNED: 43-047-39944

WELL NAME: CLOWARD 2-34A1

OPERATOR: EL PASO E&P COMPANY, LP (N3065)

PHONE NUMBER: 307-237-9310

CONTACT: LARRY BROWN

PROPOSED LOCATION:

SESE 34 010S 010W

SURFACE: 1125 FSL 0660 FEL

BOTTOM: 1125 FSL 0660 FEL

COUNTY: UINTAH

LATITUDE: 40.34886 LONGITUDE: -109.9747

UTM SURF EASTINGS: 587077 NORTHINGS: 4466772

FIELD NAME: BLUEBELL (65)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DKD	4/15/08
Geology		
Surface		

LEASE TYPE: 4 - Fee

LEASE NUMBER: FEE

PROPOSED FORMATION: WSTC

SURFACE OWNER: 4 - Fee

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[] Ind[] Sta[] Fee[]
(No. 400JU0708)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. 43-8496)

N RDCC Review (Y/N)
(Date:)

✓ Fee Surf Agreement (Y/N)

N/A Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit:

___ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

___ R649-3-3. Exception

✓ Drilling Unit

Board Cause No: 139-42

Eff Date: 4-12-1985

Siting: 1660' fr u Lary & 1320' fr other wells

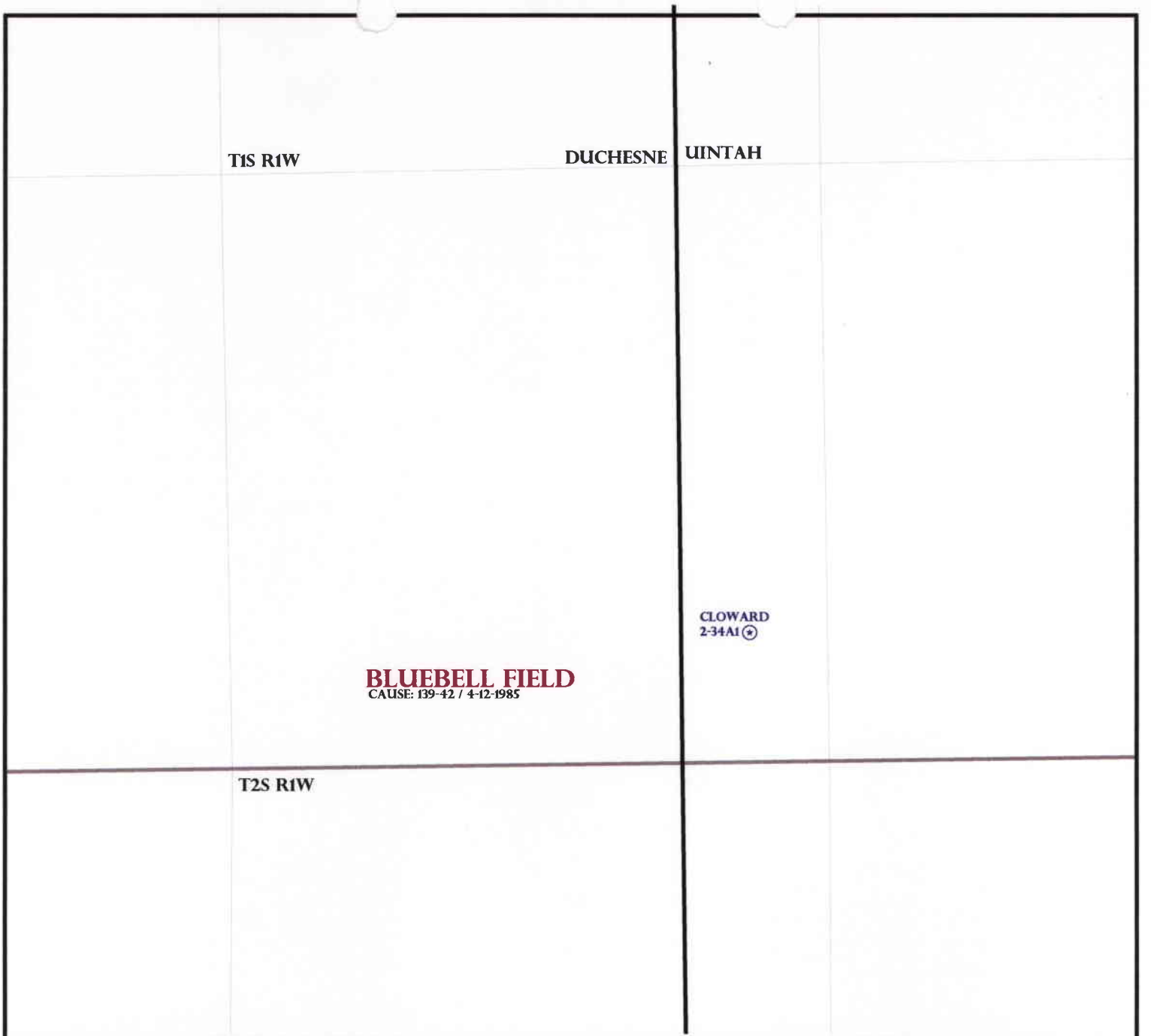
___ R649-3-11. Directional Drill

COMMENTS: Needs Presite (05-30-08)

STIPULATIONS: 1- STATEMENT OF BASIS

2- Surface Csg Cmt Stip

3 - Cmt Stip #3 (7" production, 4700' MD)



OPERATOR: EL PASO PROD CO (N3065

SEC: 34 T.1S R. 1W

FIELD: BLUEBELL (65)

COUNTY: UINTAH

CAUSE: 139-42 / 4-12-1985

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING

UTAH DNR
OIL, GAS & MINING

N
W E
S

PREPARED BY: DIANA MASON
DATE: 19-FEBRUARY-2008

Application for Permit to Drill
Statement of Basis

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
694	43-047-39944-00-00		OW	P	No

Operator EL PASO E&P COMPANY, LP **Surface Owner-APD**
Well Name CLOWARD 2-34A1 **Unit**
Field BLUEBELL **Type of Work**
Location SESE 34 1S 1W U 1125 FSL 660 FEL GPS Coord (UTM) 587077E 4466772N

Geologic Statement of Basis

El Paso proposes to set 600 feet of conductor and 4,900 feet of surface casing which will be cemented to surface. The surface hole will be drilled utilizing fresh water mud. The estimated depth to the base of moderately saline ground water is 400 feet. A search of Division of Water Rights records indicates that there are over 60 water wells within a 10,000 foot radius of the center of Section 34. The nearest water well is approximately .25 miles from the proposed site and produces water from a depth of 290 feet. Most of these wells produce water from the Duchesne River Formation and are in the range of 30 -540 feet deep. The wells are used for domestic, irrigation and stock watering. The proposed casing and cementing program should adequately protect the highly used Duchesne River aquifer.

Brad Hill 3/12/2008
APD Evaluator **Date / Time**

MULTIPLE PAGE S.O.B.

Surface Statement of Basis

The proposed location is in Uintah County approximately 4.2 road miles [illegible] ccess from Roosevelt is by Highway 40 and Uintah County roads to within app[illegible] tion where a new road will be constructed. Terrain in the general area is varie[illegible] vel agricultural lands lie at the toe of broken gentle to moderately steep sloped hills. These hills become steeper falling away from a broad flat-topped bench located in the north portions of the section. Numerous swales and drainages break off from the steep side-slopes of the bench to the north. Some springs and seeps occur in these breaks and swales are probably augmented by irrigation and related transmission ditches on the bench. No concentrated flows of water exist except the ditch that is used to deliver irrigation water to the property. Dominant soils consist of clays with few rock outcrops. No evidence of recent slumping or landslides were observed.

The proposed location is near the head of a flat cove or basin surrounded on three sides by hills. Suitable terrain of about 27 acres has been developed for agricultural. Drainage is from the north to the south. An abandoned irrigation canal traverses the toe of the slope approximately 300 feet north of the site. Beyond this canal the terrain steepens, extending to the tops of some intermediate hills. This abandoned canal should collect and prevent any significant overland-flow from the north reaching the well location. A major electric transmission line angles across the irrigated field approximately 300 feet south of the proposed location. The location and access roads should not have any infringement on this line.

Approximately three quarters of the surface for the proposed Cloward 2-34A1 oil well is on agricultural lands irrigated by gated pipe located around the top edge of the field. The field currently is used to produce alfalfa. All of the irrigated land is owned by Rex Kay Cloward and Glenda Rae Cloward Trust. Most of the reserve pit area and all of the access road are on lands owned by the Steven N. and Gwendolyn H. Duncan Trust. Mr. Kay Cloward and his son Randy Cloward attended the pre-site evaluation. Mr. Duncan was invited but said he would not attend. To irrigate the property, water is delivered into the gated pipe from an open ditch, which brings it from the elevated bench to the north. The open ditch collects sediment from the side-slopes, which creates a problem as it settles in the pipeline system. A pond, constructed on the northeast side of the field, assists in de-silting water for the east portion of the field. A diversion above the pond diverts water from the

Application for Permit to Drill
Statement of Basis

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
694	43-047-39944-00-00		OW	P	No

Operator EL PASO E&P COMPANY, LP **Surface Owner-APD**
Well Name CLOWARD 2-34A1 **Unit**
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Brad Hill	3/12/2008
APD Evaluator	**Date / Time**

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ditch into a gated pipe system that delivers water to the larger west portion of the field. Silt settles in this gated line and has to be removed by uncoupling and mechanically rising the pipe. The proposed site has no apparent construction and stability problems, which would prohibit constructing a pad, drilling and operating an oil well. However, because of the associated problems with interrupting the existing irrigation system and other concerns expressed by the surface owner, other sites have been considered and are briefly evaluated in the discussions that follow.

Mr. Kay Cloward expressed several concerns regarding the selected location. His concerns are summarized along with the pertinent discussion below:

-Mr. Cloward ask why the specific area was selected and why the well could not be moved to other areas within the section. One producing well, the LeBeau 1-34A1 well is in the NE ¼ of the SW ¼ of this section. The proposed well is in the SE ¼ of the SE ¼ of the section. Mr. Wayne Garner representing ElPaso E&P Company explained the spacing orders required in the area and why the specific site was selected in relation to drainage of the projected recoverable oil reserves underlying the section considering the distance from the existing well. The preferred location for the new well as requested by ElPaso's geologists would have centered the well along the west side of the irrigated field interrupting all of the gated pipe delivery system to the south and west of the location. Mr. Garner, in consultation with his company, moved the location to near the head of the field to provide less interruption to the irrigation system and facilitate the opportunity to deliver water over most of the field using the remediation as proposed by ElPaso.

- Mr. Cloward's property line is at the head of his field. Moving the well to the immediate north missing all of Cloward's property was requested. The proposed location is 1125 feet north of the south section line, which is the limit acceptable to Elpaso's geologists so as to not significantly infringe upon the existing producing well. In addition, the terrain becomes steep and excessive excavation and filling would be required to level enough area for a pad in this area. On the east the terrain is less steep but enough area does not exist to avoid much of the heavy cutting and filling and thus is not a good site. The proposed down-hole location is presently 660 feet from the east section line. Moving to the east would require a spacing exception or directionally drilling back to the permitted area. Mr. Garner expressed objection to directional drilling and the vertical down-hole location from this site, if an exception was granted, would encroaching on the pool now delivered to the existing well.

- Mr. Cloward ask about suitable surface locations on property to the northwest owned by Mr. Duncan. Mr. Garner again discounted the feasibility of these sites in relation to drawing from the field of the existing LeBeau producing well.

- Mr. Cloward stated he understood from previous conservations that ElPaso was going to locate the well on the bench in the northeast part of the section on surface owned by the Ute Indian Tribe. Mr. Garner stated they had considered this but in examining their lease with the Tribe, it expires in four years. A contact was made with the tribe to renew or extend the lease. ElPaso's representative was told the Tribe would not consider extending the lease until near the expiration date. Mr. Garner stated that his company would like to locate the well on Tribal Lands. However, they are unwilling to risk the chance of not obtaining a lease to replace the existing lease and lose their investment of potentially five million dollars in drilling and producing the well for only four years. In the area adjacent to Tribal lands, private lands exist which may be suitable for a well site. However access to the site for a road and pipeline would require crossing Tribal lands. He stated obtaining road rights-of-way from the tribe would be difficult. He also understood the Tribe is requiring a tariff or surcharge for non-tribal minerals delivered through future pipelines across their lands.

- Mr. Cloward ask about ElPaso proposal to replace his water delivery system. Mr. Garner provided Mr. Cloward with an outline of irrigation remediation and a map showing locations of the proposal. It included:

removing and stacking the irrigation pipe outside of the excavation area, constructing a graded bed for the pipe along the south of the location, stockpiling the top soil removed so as needed it could be used to blend the grade below the gated pipe into the existing field, installing the pipeline and reconnecting it to the existing pipeline and reseeding the excavated area as requested by the land-owner. The type of pipe, size of pipe and burying the delivery line were discussed. No commitments were made but Mr. Garner stated they would meet any reasonable request of the landowner. Constructing an additional de-silting pond was mentioned but no agreement was reached. Mr. Randy Cloward stated that the most significant problem with the proposal was the need to re-establish a workable irrigation system and he felt a silt pond was a must.

-Mr. Cloward stated from a visual standpoint he wanted the production tanks not be located on the area. The location would currently be in view of two homes about 1,200 feet to the south and others are expected to be constructed along the existing County road. Mr. Garner made no commitment to do this stating that the required pipeline and obtaining the ROW's for this would be significant. Noise from the drilling and operation of the well is also a concern. An electric powered roll-a-flex pump will be used on the well.

-Mr. Garner commented that the pad as proposed has been reduced 25 feet in width to reduce the loss of farm ground.

- Mr. Cloward expressed concern of potential leaching of chemicals from the reserve pit after it is closed. Excavating the residue from the pit was discussed. No commitment to do this was made by ElPaso. The soils are heavy clays in the area. Leaching through this type of soil should be very limited.

-Mr. Cloward expressed concern about flows leaving the location during operation of the well. Mr. Cloward said it is the standard practice to berm the entire location as well as berming around storage tanks as required by DOGM. This would be done.

Mr. Cloward requested the location be fenced. Mr. Garner stated that ElPaso is agreeagle to do this.

Mr Cloward ask for ElPaso to furnish him a copy of the lease showing they had a right to drill in the Section. ElPaso replied by stating they were available at the County Recorders Office and he could research and find it there.

Mr. Cloward stated he will not sign the Surface Use Agreement and has sought the services of a lawyer. The only lawyer he was able to get because of the ties of the others in the immediate to the oil companies cannot assist him until after April 1.

I told Mr. Cloward I would submit my report to our Salt Lake Office where the decision will be made whether or not to permit the well. Since an agreement is not in-place our Office will discuss the proposal and impasse with both he and ElPaso. A decision on permitting could come as early as a few weeks from now.

The reserve pit is planned on the northwest corner of the location in an area of cut. Dimensions are 100' x 150' x 10 feet deep. A 15 foot bench is planned. Sensitivity Level is 1. A liner is required. Wayne Garner of ElPaso said they commonly use a 16 mil liner.

Mr. Garner stated this is the next well they would like to drill in the immediate area. Their contracted rig is currently finishing a well near Roosevelt and will move a short distance to the other side of Roosevelt to a site that has been spudded. Following drilling of this well they would move the short distance to this well rather that move a longer distance to an existing approved location then return to the Cloward location.

Mr. Cloward stated he did not see a need to complete a cultural resource survey.

Floyd Bartlett	3/3/2008
Onsite Evaluator	**Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator	EL PASO E&P COMPANY, LP						
Well Name	CLOWARD 2-34A1						
API Number	43-047-39944-0		**APD No** 694			**Field/Unit** BLUEBELL	
Location: 1/4,1/4	SESE	**Sec** 34	**Tw** 1S	**Rng** 1W	1125 FSL 660 FEL		
GPS Coord (UTM)	58084	4466773	**Surface Owner**				

Participants

Floyd Bartlett and David Hackford (DOGM), Wayne Garner (Construction Supervisor, El Paso) , John Whitesides (Landman Elpaso), Kay Cloward (Surface Owners), Randy Cloward (Son of Kay Cloward).

Regional/Local Setting & Topography

The proposed location is in Uintah County approximately 4.2 road miles north east of Roosevelt, Utah. Access from Roosevelt is by Highway 40 and Uintah County roads to within approximately 0.73 miles of the location where a new road will be constructed. Terrain in the general area is varied. A limited amount of nearly level agricultural lands lie at the toe of broken gentle to moderately steep sloped hills. These hills become steeper falling away from a broad flat-topped bench located in the north portions of the section. Numerous swales and drainages break off from the steep side-slopes of the bench to the north. Some springs and seeps occur in these breaks and swales are probably augmented by irrigation and related transmission ditches on the bench. No concentrated flows of water exist except the ditch that is used to deliver irrigation water to the property. Dominant soils consist of clays with few rock outcrops. No evidence of recent slumping or landslides were observed. Water table is expected to be shallow, probably less than 25 feet in depth.

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Surface Use Plan

Current Surface Use

Grazing

Agricultural

New Road Miles	Well Pad		Src Const Material	Surface Formation
0.7	**Width** 332	**Length** 400	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Livestock, deer and smaller mammals and birds.

Alfalfa, some rabbit brush and miscellaneous weeds around the edges. The area was covered with about 10 inches of snow.

Soil Type and Characteristics

Deep Clay loam. Some subsurface rock may occur.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required N

Berm Required? Y

Erosion Sedimentation Control Required? N

Paleo Survey Run? N **Paleo Potental Observed?** N **Cultural Survey Run?** N **Cultural Resources?**

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	<25 or recharge area	20
Distance to Surface Water (feet)	<100	20
Dist. Nearest Municipal Well (ft)	500 to 1320	10
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Low permeability	0
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	<10	0
Affected Populations	10 to 30	6
Presence Nearby Utility Conduits	Not Present	0
	Final Score	61 1 **Sensitivity Level**

Characteristics / Requirements

The reserve pit is planned on the northwest corner of the location in an area of cut. Dimensions are 100' x 150' x 10 feet deep. A 15 foot bench is planned. Sensitivity Level is 1. A liner is required. Wayne Garner of ElPaso said they commonly use a 16 mil liner.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?**

Other Observations / Comments

The proposed location is in Uintah County approximately 4.2 road miles north east of Roosevelt, Utah. Access from Roosevelt is by Highway 40 and Uintah County roads to within approximately 0.73 miles of the location where a new road will be constructed. Terrain in the general area is varied. A limited amount of nearly level agricultural lands lie at the toe of broken gentle to moderately steep sloped hills. These hills become steeper falling away from a broad flat-topped bench located in the north portions of the section. Numerous swales and drainages break off from the steep side-slopes of the bench to the north. Some springs and seeps occur in these breaks and swales are probably augmented by irrigation and related transmission ditches on the bench. No concentrated flows of water exist except the ditch that is used to deliver irrigation water to the property. Dominant soils consist of clays with few rock outcrops. No evidence of recent slumping or landslides were observed.

The proposed location is near the head of a flat cove or basin surrounded on three sides by hills. Suitable terrain of about 27 acres has been developed for agricultural. Drainage is from the north to the south. An abandoned irrigation canal traverses the toe of the slope approximately 300 feet north of the site. Beyond this canal the terrain steepens, extending to the tops of some intermediate hills. This abandoned canal should collect and prevent any significant overland-flow from the north reaching the well location. A major electric transmission line angles across the irrigated field approximately 300 feet south of the proposed location. The location and access roads should not have any infringement on this line.

Approximately three quarters of the surface for the proposed Cloward 2-34A1 oil well is on agricultural lands irrigated by gated pipe located around the top edge of the field. The field currently is used to produce alfalfa. All of the irrigated land is owned by Rex Kay Cloward and Glenda Rae Cloward Trust. Most of the reserve pit area and all of the access road are on lands owned by the Steven N. and Gwendolyn H. Duncan Trust. Mr. Kay Cloward and his son Randy Cloward attended the pre-site evaluation. Mr. Duncan was invited but said he would not attend. To irrigate the property, water is delivered into the gated pipe from an open ditch, which brings it from the elevated bench to the north. The open ditch collects sediment from the side-slopes, which creates a problem as it settles in the pipeline system. A pond, constructed on the northeast side of the field, assists in de-silting water for the east portion of the field. A diversion above the pond diverts water from the ditch into a gated pipe system that delivers water to the larger west portion of the field. Silt settles in this gated line and has to be removed by uncoupling and mechanically rising the pipe. The proposed site has no apparent construction and stability problems, which would prohibit constructing a pad, drilling and operating an oil well. However, because of the associated problems with interrupting the existing irrigation system and other concerns expressed by the surface owner, other sites have been considered and are briefly evaluated in the discussions that follow.

Mr. Kay Cloward expressed several concerns regarding the selected location. His concerns are summarized along with the pertinent discussion below:

-Mr. Cloward ask why the specific area was selected and why the well could not be moved to other areas within the section. One producing well, the LeBeau 1-34A1 well is in the NE ¼ of the SW ¼ of this section. The proposed well is in the SE ¼ of the SE ¼ of the section. Mr. Wayne Garner representing ElPaso E&P Company explained the spacing orders required in the area and why the specific site was selected in relation to drainage of the projected recoverable oil reserves underlying the section considering the distance from the existing well. The preferred location for the new well as requested by ElPaso's geologists would have centered the well along the west side of the irrigated field interrupting all of the gated pipe delivery system to the south and west of the location. Mr. Garner, in consultation with his company, moved the location to near the head of the field to provide less interruption to the irrigation system and facilitate the opportunity to deliver water over most of the field using the remediation as proposed by ElPaso.

- Mr. Cloward's property line is at the head of his field. Moving the well to the immediate north missing all of Cloward's property was requested. The proposed location is 1125 feet north of the south section line, which is the limit acceptable to Elpaso's geologists so as to not significantly infringe upon the existing producing well. In addition, the terrain becomes steep and excessive excavation and filling would be required to level enough area for a pad in this area. On the east the terrain is less steep but enough area does not exist to avoid much of the heavy cutting and filling and thus is not a good site. The proposed down-hole location is presently 660 feet from the east section line. Moving to the east would require a spacing exception or directionally drilling back to the permitted area. Mr. Garner expressed objection to directional drilling and the vertical down-hole location from this site, if an exception was granted, would encroaching on the pool now delivered to the existing well.

- Mr. Cloward ask about suitable surface locations on property to the northwest owned by Mr. Duncan. Mr. Garner again discounted the feasibility of these sites in relation to drawing from the field of the existing LeBeau producing well.

- Mr. Cloward stated he understood from previous conversations that ElPaso was going to locate the well on the bench in

the northeast part of the section on surface owned by the Ute Indian Tribe. Mr. Garner stated they had considered this but in examining their lease with the Tribe, it expires in four years. A contact was made with the tribe to renew or extend the lease. ElPaso's representative was told the Tribe would not consider extending the lease until near the expiration date. Mr. Garner stated that his company would like to locate the well on Tribal Lands. However, they are unwilling to risk the chance of not obtaining a lease to replace the existing lease and lose their investment of potentially five million dollars in drilling and producing the well for only four years. In the area adjacent to Tribal lands, private lands exist which may be suitable for a well site. However access to the site for a road and pipeline would require crossing Tribal lands. He stated obtaining road rights-of-way from the tribe would be difficult. He also understood the Tribe is requiring a tariff or surcharge for non-tribal minerals delivered through future pipelines across their lands.

- Mr. Cloward ask about ElPaso proposal to replace his water delivery system. Mr. Garner provided Mr. Cloward with an outline of irrigation remediation and a map showing locations of the proposal. It included: removing and stacking the irrigation pipe outside of the excavation area, constructing a graded bed for the pipe along the south of the location, stockpiling the top soil removed so as needed it could be used to blend the grade below the gated pipe into the existing field, installing the pipeline and reconnecting it to the existing pipeline and reseeding the excavated area as requested by the land-owner. The type of pipe, size of pipe and burying the delivery line were discussed. No commitments were made but Mr. Garner stated they would meet any reasonable request of the landowner. Constructing an additional de-silting pond was mentioned but no agreement was reached. Mr. Randy Cloward stated that the most significant problem with the proposal was the need to re-establish a workable irrigation system and he felt a silt pond was a must.

-Mr. Cloward stated from a visual standpoint he wanted the production tanks not be located on the area. The location would currently be in view of two homes about 1,200 feet to the south and others are expected to be constructed along the existing County road. Mr. Garner made no commitment to do this stating that the required pipeline and obtaining the ROW's for this would be significant. Noise from the drilling and operation of the well is also a concern. An electric powered roll-a-flex pump will be used on the well.

-Mr. Garner commented that the pad as proposed has been reduced 25 feet in width to reduce the loss of farm ground.

- Mr. Cloward expressed concern of potential leaching of chemicals from the reserve pit after it is closed. Excavating the residue from the pit was discussed. No commitment to do this was made by ElPaso. The soils are heavy clays in the area. Leaching through this type of soil should be very limited.

-Mr. Cloward expressed concern about flows leaving the location during operation of the well. Mr. Cloward said it is the standard practice to berm the entire location as well as berming around storage tanks as required by DOGM. This would be done.

Mr. Cloward requested the location be fenced. Mr. Garner stated that ElPaso is agreeagle to do this.

Mr Cloward ask for ElPaso to furnish him a copy of the lease showing they had a right to drill in the Section. ElPaso replied by stating they were available at the County Recorders Office and he could research and find it there.

Mr. Cloward stated he will not sign the Surface Use Agreement and has sought the services of a lawyer. The only lawyer he was able to get because of the ties of the others in the immediate to the oil companies cannot assist him until after April 1.

I told Mr. Cloward I would submit my report to our Salt Lake Office where the decision will be made whether or not to permit the well. Since an agreement is not in-place our Office will discuss the proposal and impasse with both he and ElPaso. A decision on permitting could come as early as a few weeks from now.

The reserve pit is planned on the northwest corner of the location in an area of cut. Dimensions are 100' x 150' x 10 feet deep. A 15 foot bench is planned. Sensitivity Level is 1. A liner is required. Wayne Garner of ElPaso said they commonly use a 16 mil liner.

Mr. Garner stated this is the next well they would like to drill in the immediate area. Their contracted rig is currently finishing a well near Roosevelt and will move a short distance to the other side of Roosevelt to a site that has been spudded. Following drilling of this well they would move the short distance to this well rather that move a longer distance to an existing approved location then return to the Cloward location.

Mr. Cloward stated he did not see a need to complete a cultural resource survey.

Floyd Bartlett
Evaluator

3/3/2008
Date / Time

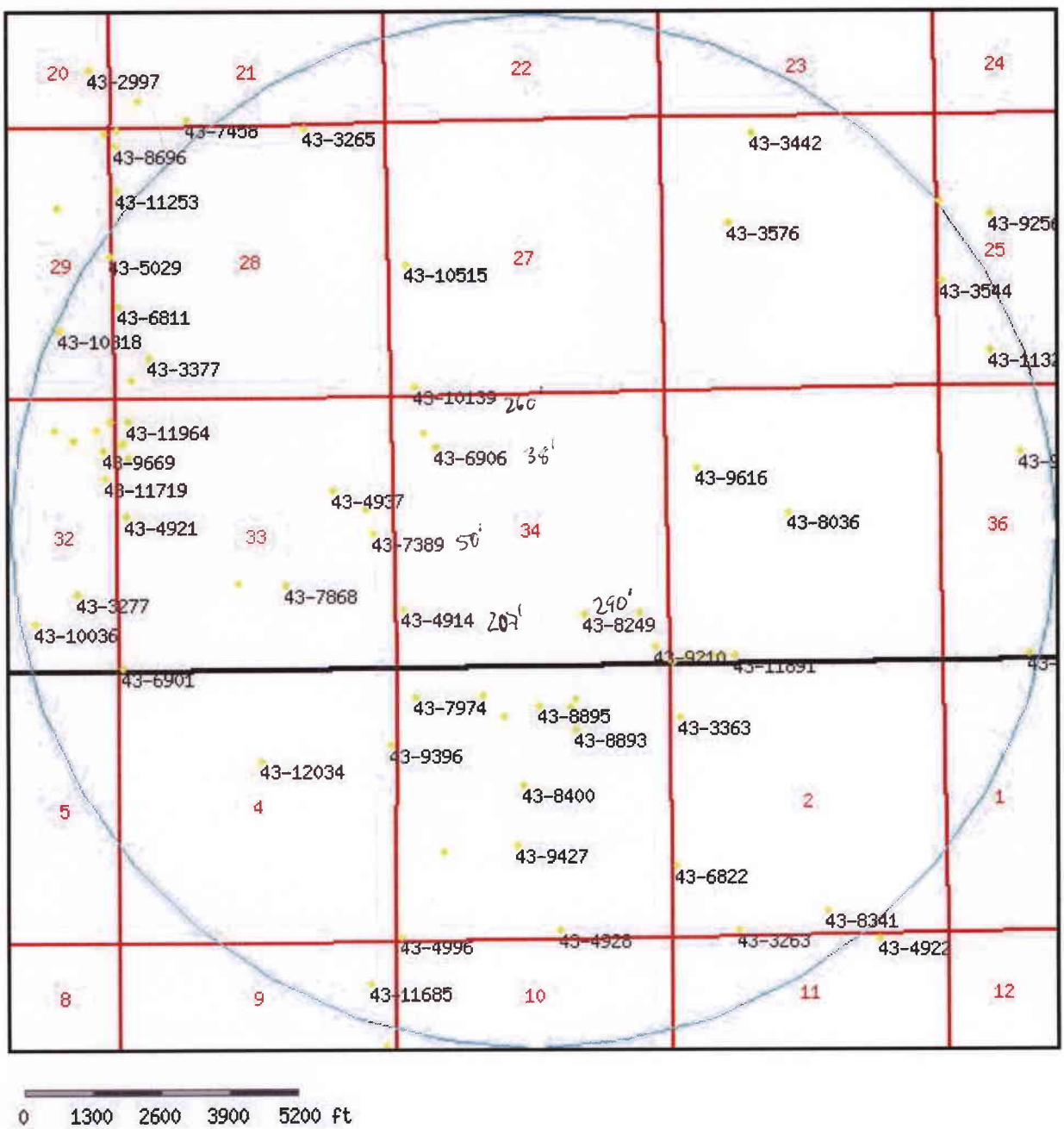
utah.gov | Online Services | Agency List | Business

Utah Division of Water Rights

WRPLAT Program Output Listing

Version: 2007.04.13.01 Rundate: 03/12/2008 03:03 PM

Radius search of 10000 feet from a point N2640 E2640 from the SW corner, section 34, Township 1S, Range 1W, US b&m Criteria:wrtypes=W,C,E podtypes=U status=U,A,P usetypes=all



Water Rights

WR Number	Diversion Type/Location	Well Log	Status	Priority	Uses	CFS	ACFT	Owner N
43-10036	Underground N976 E1016 S4 32 1S 1W US		P	19880426	DIS	0.015	0.000	TREVIN P. AND MAR HC 64 BOX 175
43-10139	Underground N187 E432 SW 27 1S 1W US	well info	P	19890313	DIS	0.015	0.000	DEBBIE WISENER ROUTE 1 BOX 1075
43-10141	Underground S860 E106 NW 33 1S 1W US		P	19890316	DIS	0.015	1.306	CHARMAINE HURLE RT. #1 BOX 1106
43-10318	Underground N1314 W1082 SE 29 1S 1W US	well info	P	19911119	S	0.007	5.040	RICHARD GAROLD I ROUTE 1, BOX 1080
43-10461	Underground S973 W2963 E4 33 1S 1W US	well info	P	19940502	IS	0.000	0.511	CHRISTIAN P. NIELS 3366 WEST 500 NORT
43-10515	Underground S84 E307 W4 27 1S 1W US	well info	P	19950327	DIS	0.000	1.480	FONDA MILLETT ROUTE 1 BOX 1074
43-10791	Underground N1000 W600 SE 34 1S 1W US	well info	A	20030701	DIS	0.000	1.730	SONJA IORG ROUTE 1 BOX 1058
43-10874	Underground S1530 W1000 NE 29 1S 1W US	well info	A	19981104	DIS	0.000	1.730	LISA EVANS ROUTE 1 BOX 1091
43-11253	Underground S1200 E120 NW 28 1S 1W US	well info	A	20020521	DI	0.000	1.200	JARED R. JENSEN RT. 1 BOX 1111
43-11254	Underground S440 W100 NE 32 1S 1W US	well info	A	20071228	DI	0.000	1.200	DEBORAH J. DUCEY BOX 766
43-11329	Underground N700 E950 SW 25 1S	well info	A	20021106	S	0.000	1.480	SHANE MCMULLIN

	1W US						RT. 2 BOX 2745
43-11457	Underground S835 E125 NW 33 1S 1W US		A	20030716	DIS	0.000 1.480	CHARMAINE HURLE RT. 1 BOX 1106
43-11671	Underground S800 W800 NE 32 1S 1W US	well info	A	20050808	DIS	0.000 1.480	BYRON J. AND MIST P. O. BOX 131
43-11685	Underground S800 W500 NE 09 2S 1W US		A	20050920	DIS	0.000 1.480	SAMUEL AND TIFFA 641 WEST LAGOON S
43-11719	Underground S1520 W200 NE 32 1S 1W US		A	20060118	DIS	0.000 1.480	EMERALD MARKET TECHNOLOGY INC. C/O JARED JENSEN
43-11722	Underground S700 E600 NW 34 1S 1W US	well info	A	20060202	DIS	0.000 1.480	PAT WISENER RT 1 BOX 1075
43-11796	Underground S600 W1165 NE 32 1S 1W US		A	20060725	DIS	0.000 1.480	NATACHA JACKSON PO BOX 99
43-11804	Underground N510 E510 SW 21 1S 1W US		A	20060807	DIS	0.000 1.480	EMERALD MARKET TECHNOLOGY INC. C/O JARED JENSEN
43-11888	Underground N166 E614 SW 35 1S 1W US		U	20070309	DIS	0.000 1.480	ROBERT T. NILSEN C/O FRANCIS D. EICI
43-11889	Underground N164 E815 SW 35 1S 1W US		U	20070309	DIS	0.000 1.480	ROBERT T. NILSEN C/O FRANCIS D. EICI
43-11890	Underground N164 E1009 SW 35 1S 1W US		U	20070309	DIS	0.000 1.480	ROBERT T. NILSEN C/O FRANCIS D. EICI
43-11891	Underground N167 E1226 SW 35 1S 1W US		U	20070309	DIS	0.000 1.480	ROBERT T. NILSEN C/O FRANCIS D. EICI
43-11892	Underground N154 E299 SW 35 1S 1W US		U	20070309	DIS	0.000 1.480	ROBERT T. NILSEN C/O FRANCIS D. EICI
43-11893	Underground N154 E299 SW 35 1S 1W US		U	20070309	DIS	0.000 1.480	ROBERT T. NILSEN C/O FRANCIS D. EICI
		well					

43-11894	Underground S900 E900 W4 03 2S 1W US	info	A	20070309 DIS	0.000	1.480	BONNIE GREEN 50 SOUTH 1500 WES
43-11957	Underground S1150 E250 NW 33 1S 1W US	well info	A	20070720 DIS	0.000	1.480	CHARMAINE HURLE ROUTE 1 BOX 1106
43-11958	Underground N450 W550 E4 33 1S 1W US	well info	A	20070720 DIS	0.000	1.480	CHARMAINE HURLE ROUTE 1 BOX 1106
43-11964	Underground S450 E250 NW 33 1S 1W US	well info	A	20070726 DIS	0.000	1.480	RYAN AND WHITNE ROUTE 1 BOX 1105
43-12034	Underground S1775 E60 N4 04 2S 1W US		A	20071224 DI	0.000	1.200	DAVE DEANS PO BOX 790061
43-1980	Underground N650 W250 E4 09 2S 1W US		P	19680621 DIS	0.015	0.000	WALTER J. MARTIN ROOSEVELT UT 840
43-2424	Underground N350 E302 SW 28 1S 1W US	well info	P	19701104 DIS	0.015	0.000	JOSEPH A. REIDHEA ROOSEVELT UT 840
43-2997	Underground N1125 W400 SE 20 1S 1W US	well info	P	19731219 S	0.015	0.000	R. GERALD DYE RT. 1, BOX 10
43-3263	Underground N168 E1298 SW 02 2S 1W US		P	19410806 DS	0.015	0.000	IDA BIRCHELL ROOSEVELT UT 840
43-3265	Underground S75 E1064 N4 28 1S 1W US		P	19420904 DS	0.015	0.000	VERNON E. PENFIEL ROUTE #2
43-3274	Underground S100 W100 NE 29 1S 1W US		P	19421221 DI	0.015	0.000	SUSAN S. J. ASAY 471 BALTIC COURT
43-3277	Underground N1485 W814 SE 32 1S 1W US		P	19430301 DS	0.015	0.000	D. D. NICKOLSON ROOSEVELT UT 840
43-3340	Underground N112 W1015 S4 36 1S 1W US		P	19461021 D	0.015	0.000	P. E. RUSSON ROOSEVELT UT 840
43-3363	Underground		P	19470423 D	0.015	0.000	PEARL JENKINS

	S1029 E160 NW 02 2S 1W US					ROOSEVELT UT 840(
43-3377	Underground		P	19471105 D	0.015 0.000	QUIVINGTON LAWS
	N783 E636 SW 28 1S 1W US					R.F.D. #2
43-3442	Underground		P	19511206 DS	0.015 0.000	VICTOR GARDNER
	S300 E1720 NW 26 1S 1W US					ROUTE #1
43-3526	Underground		P	19550404 D	0.015 0.000	EVERETT LAWSON
	N1760 E100 W4 33 1S 1W US					ROOSEVELT UT 840(
43-3544	Underground		P	19560517 S	0.015 0.000	LELAND R. & IRETA
	S600 E66 W4 25 1S 1W US					ROUTE #1 BOX 194
43-3576	Underground		P	19580315 S	0.015 0.000	RUSSELL PHILLIPS
	N615 E1260 W4 26 1S 1W US					RFD #1
43-4914	Underground		P	19210000 DS	0.007 0.000	JOSEPH A. LEBEAU
	N1139 E116 SW 34 1S 1W US					RFD #2
43-4921	Underground		P	19260000 DS	0.002 0.000	W. S. NICHOLSON
	S2270 E208 NW 33 1S 1W US					RFD #2
43-4922	Underground		P	19240000 DS	0.001 0.000	THOMAS A. WARTH
	S104 W1320 NE 11 2S 1W US					RFD #1
43-4928	Underground		P	19200220 DIS	0.007 0.000	THOMAS R. SHISLEI
	N185 E481 S4 03 2S 1W US					ROOSEVELT UT 840(
43-4937	Underground		P	19100000 DIS	0.003 0.000	STEVEN L. STEINER
	S1826 W1122 NE 33 1S 1W US					2475 NORTH MAIN
43-4962	Underground		P	19250428 DS	0.002 0.000	RUSSELL & THOMA: TODD
	N35 E36 SW 35 1S 1W US					ROOSEVELT UT 840(
43-4978	Underground	well info	P	19190000 DIS	0.001 0.000	ELWOOD F. & SHERI
	N5190 E33 SW 28 1S 1W US					ROUTE 1, BOX 1090
43-4996	Underground		P	19150000 DS	0.003 0.000	UTAH SCHOOL AND INSTITUTIONAL TRU ADMIN.
	N117 E122 SW 03 2S 1W US					675 EAST 500 SOUTH

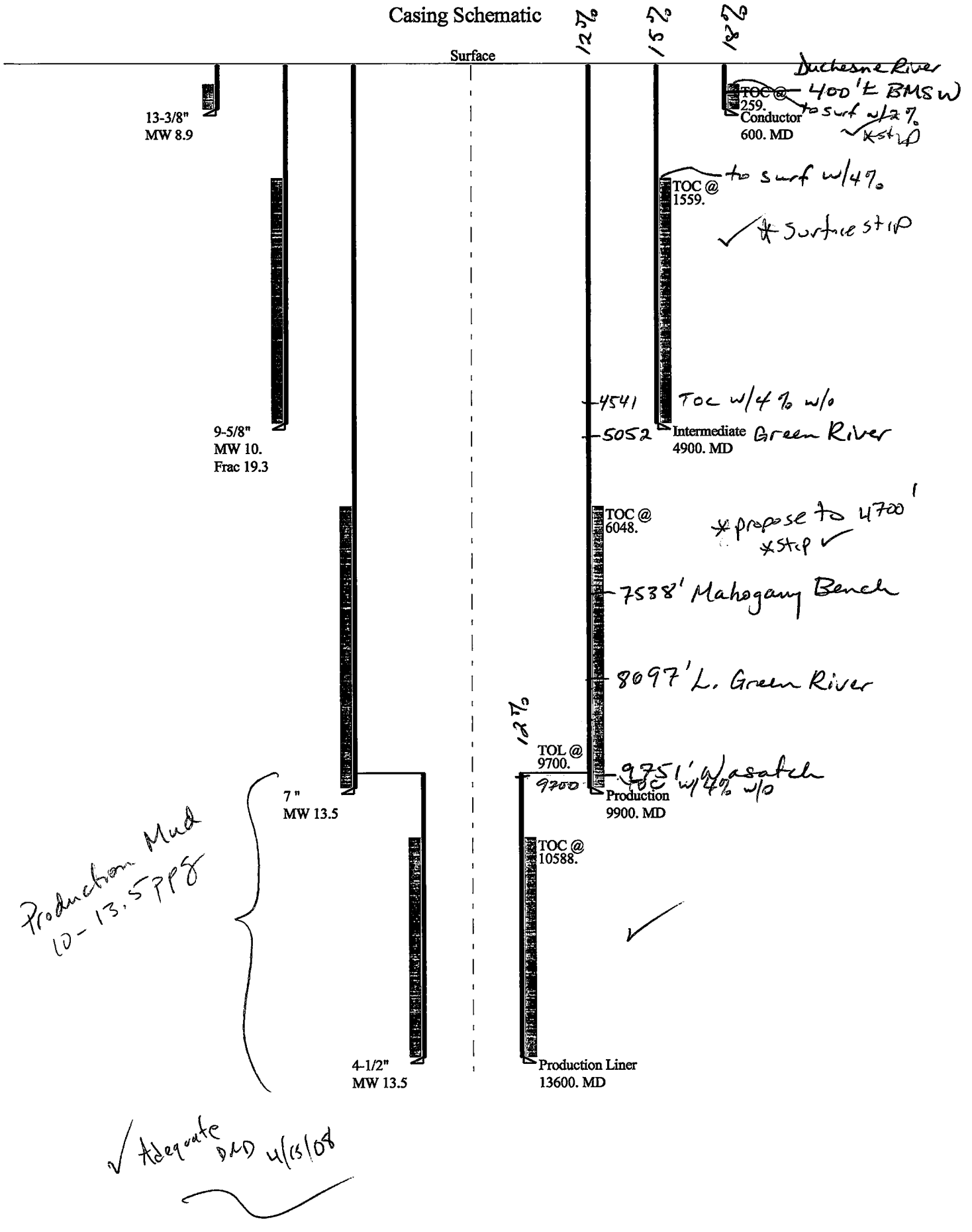
43-5029	Underground N2771 W105 SE 29 1S 1W US		P	19260000 DIS	0.030 0.000	LUCY JENKINS ROOSEVELT UT 840(
43-6811	Underground N1798 E55 SW 28 1S 1W US		P	19160000 DS	0.002 0.000	ANNA O. EINERSON ROOSEVELT UT 840(
43-6822	Underground N1400 E90 SW 02 2S 1W US	well info	P	19710730 DI	0.015 0.000	BARRY K. BIRCHELI BOX 233
43-6901	Underground N50 E50 SW 33 1S 1W US	well info	P	19720803 IS	0.002 0.000	GERMAN B. WORKM BOX 121
43-6906	Underground S975 E850 NW 34 1S 1W US	well info	P	19720810 DI	0.015 0.000	SHELL OIL COMPAN 1700 BROADWAY
43-7389	Underground S10 W400 E4 33 1S 1W US	well info	P	19340000 DIS	0.000 0.000	CLARENCE E. EKEN ROUTE 1, BOX 7B
43-7458	Underground N150 E1452 SW 21 1S 1W US	well info	P	19740328 DIS	0.015 0.000	HARVEY AND CARC ROUTE 1, BOX 11A
43-7469	Underground S600 W350 NE 32 1S 1W US	well info	P	19740410 DIS	0.001 0.000	GENE AND ELAINE I RANCHO DEAMOR, 1 CRESCENT RD.
43-7741	Underground S660 W1840 NE 03 2S 1W US	well info	P	19750605 DIS	0.014 0.000	FREDRICK L. AND B KOLILIS 34440 21ST SOUTH W
43-7780	Underground S570 W970 N4 03 2S 1W US		A	19750812 DIS	0.015 0.000	JOE M. & LINDA WE BOX 1193
43-7791	Underground S770 E75 N4 03 2S 1W US	well info	P	19750912 DIS	0.015 0.000	FON W. PECTOL BOX 304
43-7868	Underground N1645 E520 S4 33 1S 1W US	well info	P	19760514 DIS	0.015 0.000	RAYMOND R. EDRIN BOX 1856

43-7869	Underground S1670 E50 NW 25 1S 1W US	well info	P	19790810 DIS	0.015	0.000	LELAND R. MITCHEI ROUTE 1 BOX 194
43-7974	Underground S560 E330 NW 03 2S 1W US	well info	P	19760915 D	0.015	0.000	DOYLE M. AND SON SCHIMMELS P.O. BOX 1926
43-8036	Underground S2358 E2344 NW 35 1S 1W US		P	19770303 IS	0.015	0.000	MAX R. & CHELL G. RFD #2, BOX 2750
43-8249	Underground N1007 E972 S4 34 1S 1W US	well info	P	19780404 DIS	0.015	1.368	SUSAN K. KNORR RR 1 BOX 1058
43-8264	Underground S965 W588 N4 03 2S 1W US	well info	A	19780511 DIS	0.015	0.000	DALLAS R. & NANC' BOX 124
43-8341	Underground N476 E316 S4 02 2S 1W US	well info	P	19781018 DIS	0.015	0.000	MORRIS M. PAGE P.O. BOX 1892
43-8400	Underground N400 E2430 W4 03 2S 1W US	well info	P	19790412 DIS	0.015	0.000	LEROY F. AND MERI PECTOL ROUTE #1 P.O. BOX (
43-8696	Underground S340 E73 NW 28 1S 1W US		U	19800731 DIS	0.015	0.000	CHARLES H. SWEAT 1579 WEST 500 NORT
43-8893	Underground S1220 E800 N4 03 2S 1W US	well info	P	19810213 DIS	0.015	1.620	LEROY FON PECTOL RT 1 BOX 1055
43-8894	Underground S789 E704 N4 03 2S 1W US		P	19810213 DIS	0.015	1.424	LEROY FON PECTOL ROUTE 1 BOX 1055
43-8895	Underground S770 E75 N4 03 2S 1W US		A	19810213 DIS	0.015	0.000	FON W. PECTOL ROUTE 1 BOX 6A
43-9210	Underground N326 W290 SE 34 1S 1W US	well info	P	19820610 DIS	0.015	1.956	REX KAY AND GLEI CLOWARD P.O. BOX 1264
43-9256	Underground	well	A	19820825 DIS	0.015	0.000	W. J. & JANET A. GR.

		info				
	N720 E1000 W4 25 1S 1W US					ROUTE 1 BOX 192
43-9396	Underground	well info	A	19830610 DI	0.015 1.080	JOSEPH A. TAYLOR ; A. TAYLOR
	N1165 W123 E4 04 2S 1W US					ROUTE 1 BOX 1045
43-9427	Underground	well info	A	19830818 DIS	0.015 0.000	SHARON HIMES
	N1850 W350 S4 03 2S 1W US					ROUTE 1 BOX 201 H
43-9616	Underground	well info	P	19840907 DIS	0.015 0.000	BRENT VERN & TON
	N1147 E556 W4 35 1S 1W US					P. O. BOX 1001
43-9669	Underground	well info	A	19850220 DIS	0.015 1.304	DEAN A. CARTER
	S1008 W242 NE 32 1S 1W US					RT. L BOX 1104
43-9910	Underground	well info	P	19860529 IS	0.015 1.700	SUSAN KNORR
	S1279 W1088 N4 36 1S 1W US					RR1 BOX 1058

2008-03 El Paso Cloward 2-34A1

Casing Schematic



✓ Adequate DMD 4/15/08

Well name:	**2008-03 El Paso Cloward 2-34A1**
Operator:	**El Paso E & P Company, L.P.**
String type:	Conductor
Project ID:	43-047-39944
Location:	Uintah County, Utah

Design parameters:

Collapse

Mud weight: 8.900 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 205 psi

Internal gradient: 0.120 psi/ft

Calculated BHP 277 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Tension is based on buoyed weight.

Neutral point: 521 ft

Environment:

H2S considered? No

Surface temperature: 65 °F

Bottom hole temperature: 73 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 1,500 ft

Cement top: 259 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	600	13.375	54.50	J-55	ST&C	600	600	12.49	520.8

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	277	1130	4.074	277	2730	9.84	28	514	18.10 J

Prepared by: Helen Sadik-Macdonald, Div of Oil,Gas & Minerals

Phone: (801) 538-5357

FAX: (801) 359-3940

Date: March 17,2008

Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 600 ft, a mud weight of 8.9 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**2008-03 El Paso Cloward 2-34A1**
Operator:	**El Paso E & P Company, L.P.**
String type:	Intermediate
Project ID:	43-047-39944
Location:	Uintah County, Utah

Design parameters:

Collapse

Mud weight: 10.000 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 3,822 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 4,900 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 4,171 ft

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 134 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 1,559 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 9,900 ft
Next mud weight: 13.500 ppg
Next setting BHP: 6,943 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 4,900 ft
Injection pressure: 4,900 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	4900	9.625	40.00	N-80	LT&C	4900	4900	8.75	2086.1

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2545	3090	1.214	4900	5750	1.17	167	737	4.42 J

Prepared by: Helen Sadik-Macdonald, Div of Oil,Gas & Minerals
Phone: (801) 538-5357
FAX: (801) 359-3940
Date: March 17,2008
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 4900 ft, a mud weight of 10 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**2008-03 El Paso Cloward 2-34A1**
Operator:	**El Paso E & P Company, L.P.**
String type:	Production
Project ID:	43-047-39944
Location:	Uintah County, Utah

Design parameters:

Collapse

Mud weight: 13.500 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 4,765 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 6,943 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 7,877 ft

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 204 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 6,048 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	9900	7	29.00	HCP-110	LT&C	9900	9900	6.059	2064.9

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	6943	9200	1.325	6943	11220	1.62	228	797	3.49 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Minerals
Phone: (801) 538-5357
FAX: (801) 359-3940
Date: March 17,2008
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 9900 ft, a mud weight of 13.5 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**2008-03 El Paso Cloward 2-34A1**
Operator:	**El Paso E & P Company, L.P.**
String type:	Production Liner
Project ID:	43-047-39944
Location:	Uintah County, Utah

Design parameters:

Collapse

Mud weight: 13.500 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 6,546 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 9,538 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.50 (B)

Tension is based on buoyed weight.
Neutral point: 12,802 ft

Environment:

H2S considered?	No
Surface temperature:	65 °F
Bottom hole temperature:	255 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	1,500 ft
Cement top:	10,588 ft
Liner top:	9,700 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	3900	4.5	15.10	P-110	LT&C	13600	13600	3.701	311.4

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	9538	14350	1.505	9538	14420	1.51	47	406	8.67 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Minerals
Phone: (801) 538-5357
FAX: (801) 359-3940
Date: April 8,2008
Salt Lake City, Utah

Remarks:
For this liner string, the top is rounded to the nearest 100 ft.Collapse is based on a vertical depth of 13600 ft, a mud weight of 13.5 ppg The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

BOPE REVIEW — El Paso Cloward 2-34A1 — API# 43-047-33944

Well Name	El Paso Cloward 2-34A1 API# 43-047-33944			
	String 1	String 2	String 3	String 4
Casing Size (")	13 3/8	9 5/8	7	4 1/2
Setting Depth (TVD)	600	4900	9900	13600
Previous Shoe Setting Depth (TVD)	0	600	4900	9900
Max Mud Weight (ppg)	8.9	10	12	14.5
BOPE Proposed (psi)	500	500	5000	10000
Casing Internal Yield (psi)	2730	5750	11220	14420
Operators Max Anticipated Pressure (psi)	9194			13.0 ppg

Calculations	String 1	13 3/8 "		
Max BHP [psi]	.052*Setting Depth*MW =	278		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	206	YES	5" x 20" rotating head on structural pipe ✓
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	146	YES	
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	HP-.22*(Setting Depth - Previous Shoe Depth) =	146	NO	o.k.
Required Casing/BOPE Test Pressure		500	psi	
*Max Pressure Allowed @ Previous Casing Shoe =		0	psi	*Assumes 1psi/ft frac gradient

Calculations	String 2	9 5/8 "		
Max BHP [psi]	.052*Setting Depth*MW =	2548		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	1960	NO	5" x 13.375" Smith Rotating Head w/shut-off valve to 4900'
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	1470	NO	expecting 0.6760 psi/ft (=3312 psi) → o.k. for expected press. ✓
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	HP-.22*(Setting Depth - Previous Shoe Depth) =	1602	← NO	No press. expected o.k.
Required Casing/BOPE Test Pressure		4025	psi	
*Max Pressure Allowed @ Previous Casing Shoe =		600	psi	*Assumes 1psi/ft frac gradient

Calculations	String 3	7 "		
Max BHP [psi]	.052*Setting Depth*MW =	6178		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	4990	YES	
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	4000	YES	expecting 0.6760 psi/ft (=6692 psi) ✓
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	HP-.22*(Setting Depth - Previous Shoe Depth) =	5078	← NO	o.k.
Required Casing/BOPE Test Pressure		7854	psi	
*Max Pressure Allowed @ Previous Casing Shoe =		4900	psi	*Assumes 1psi/ft frac gradient

Calculations	String 4	4 1/2 "		
Max BHP [psi]	.052*Setting Depth*MW =	10254		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	8622	YES	
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	7262	YES	expecting 0.6760 psi/ft (=9194 psi) ✓
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	HP-.22*(Setting Depth - Previous Shoe Depth) =	9440	YES ✓	
Required Casing/BOPE Test Pressure		10000	psi	
*Max Pressure Allowed @ Previous Casing Shoe =		9900	psi	*Assumes 1psi/ft frac gradient

H&B PETROLEUM CONSULTANTS
291 Daffodil
Casper, Wyoming 82604
307-237-9310

June 3, 2008

Attn. Diana Mason
State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
1594 West North Temple Suite 210
Salt Lake City, Utah 84114

El Paso E&P Company, L.P.
Duncan 2-34A1
Section 34 T1S R1W

Dear Ms. Mason,

Please find enclosed 2 copies of the subject Application for Permit to Drill. As we discussed the application was originally made as the Cloward 2-34A1. The location has been moved. The API number is included at the bottom as you requested. Please contact me if you have any questions. Thank you for you time and attention to this matter.

Sincerely,

Larry D. Brown
Agent El Paso E&P Company, L.P.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO:	6. SURFACE:
Fee	Fee

1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐

7. IF INDIAN, ALLOTTEE OR TRIBE NAME:

B. TYPE OF WELL: OIL ☑ GAS ☐ OTHER _____ SINGLE ZONE ☑ MULTIPLE ZONE ☐

8. UNIT or CA AGREEMENT NAME:

2. NAME OF OPERATOR:
El Paso E&P Company, L.P. c/o H&B Petroleum Consultants

9. WELL NAME and NUMBER:
Duncan 2-34A1

3. ADDRESS OF OPERATOR:
291 Daffodil CITY Casper STATE Wy ZIP 82604

PHONE NUMBER:
(307) 237-9310

10. FIELD AND POOL, OR WILDCAT:
Altomont/BlueBell

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 1530' FSL & 660 FEL 587076X 40.349964 44668954 -109.974678
AT PROPOSED PRODUCING ZONE:

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
NESE 34 T1S R1W

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE:
4.26 miles North of Roosevelt, Urah

12. COUNTY:
Uintah

13. STATE:
UTAH

15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)	16. NUMBER OF ACRES IN LEASE:	17. NUMBER OF ACRES ASSIGNED TO THIS WELL:
660	640	640
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)	**19. PROPOSED DEPTH:**	**20. BOND DESCRIPTION:**
2432	13,600	400JU0708
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):	**22. APPROXIMATE DATE WORK WILL START:**	**23. ESTIMATED DURATION:**
5232 ungraded ground	Upon Approval	56 Days

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
17 1/2	13 3/8	600	Class G 400 sx 1.15cuft/sx 15.6 lb/gal
12 1/4	9 5/8" N-80 40 lb	4,900	Lead:Prem Lite 540 sx 3.2cu/ft/sx 11 lb/gal
			Tail: Class G 160 sx 1.25 cuft/sx 14.4 lb/gal
8 3/4	7" HCP 110 29 lb	9,900	Class G 540 sx 1.65 cuft/sx 12.49 lb/gal
			Tail: Class G 60 sx 1.62cuft/sx 14.1 lb.gal
6	4 1/2" HCP 110 13.5 lb	13,600	Class G 220 sx 1.86 cuft/sx 14.5 lb/gal

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
☑ COMPLETE DRILLING PLAN
☐ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Larry D. Brown TITLE Agent for El Paso E&P Company, L.P.

SIGNATURE Larry D Brown DATE June 3, 2008

(This space for State use only)

Approved by the Utah Division of Oil, Gas and Mining

APPROVAL:
Date: 06-12-08
By:

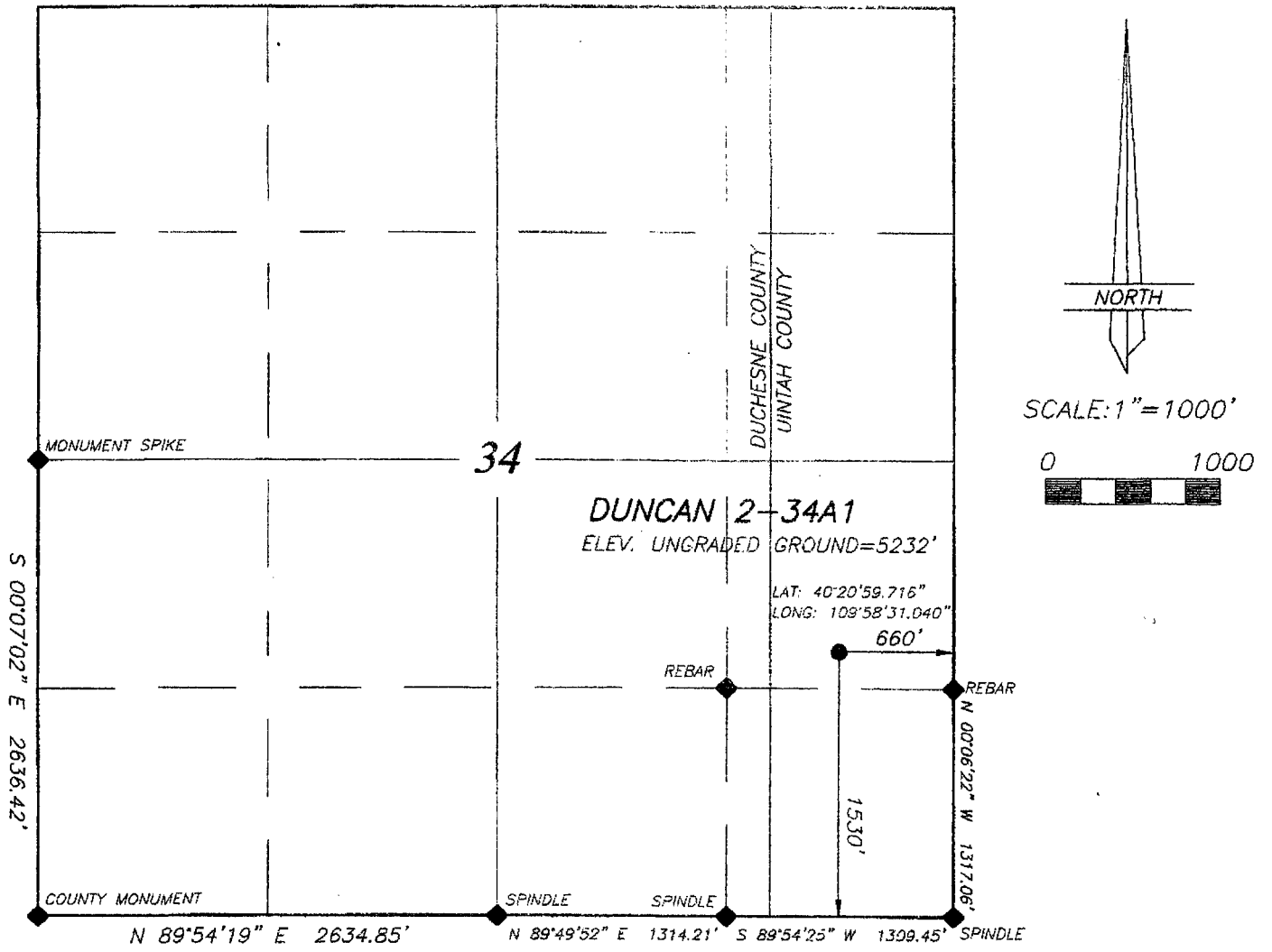
RECEIVED
JUN 04 2008
DIV. OF OIL, GAS & MINING

API NUMBER ASSIGNED: 43047-39944

EL PASO E & P COMPANY, L.P.

WELL LOCATION
DUNCAN 2-34A1

LOCATED IN THE NE¼ OF THE SE¼ OF SECTION 34, T1S, R1W, U.S.B.&M. UINTAH COUNTY, UTAH



BASE STATION
LAT: 40°20'35.62573"
LONG: 109°59'30.14134"

LEGEND AND NOTES

◆ CORNER MONUMENTS FOUND AND USED BY THIS SURVEY

THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS AS WAS THE U.S.G.S. MAP

THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT

BASIS OF BEARINGS: G.P.S. OBSERVATION WITH BASE STATION AS INDICATED

BASIS OF ELEVATIONS: NAVD 88 DATUM USING THE POST PROCESSED GPS ELEVATION AT THE BASE STATION OF 5224.48

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM THE FIELD NOTES AND ELECTRONIC DATA COLLECTOR FILES OF AN ACTUAL SURVEY PERFORMED BY ME OR UNDER MY PERSONAL SUPERVISION, DURING WHICH THE SHOWN MONUMENTS WERE FOUND OR ESTABLISHED.

JERRY D. ALLRED, REGISTERED LAND SURVEYOR, CERTIFICATE NO. 148951 (UTAH)

ALLRED 22 May '08 STATE OF UTAH

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
121 NORTH CENTER ST.--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

21 MAY 2008 01-128-042

Duncan 2-34 A1
NESE Sec. 34, T1S, R1W
UINTAH COUNTY, UT
FEE

EL PASO E&P COMPANY, L.P.

DRILLING PROGRAM

1. **Estimated Tops of Important Geologic Markers**

Formation	Depth
Green River	5,052'
Mahogany Bench	7,538'
L. Green River	8,697'
Wasatch	9,751'
TD	13,600'

2. **Estimated Depths of Anticipated Water, Oil, Gas or Mineral Formations:**

Substance	Formation	Depth
	Green River	5,052'
	Mahogany Bench	7,538'
Oil	L. Green River	8,697'
Oil	Wasatch	9,751'

3. **Pressure Control Equipment:** (Schematic Attached)
A 5.0" by 20.0" rotating head on structural pipe from surface to 600'. A 5.0" by 13 3/8" Smith Rotating Head from 600' to 4,900' on Conductor. A 5M BOP stack, 5M kill lines and choke manifold used from 4,900' to 9,900". An 11.0", 10M BOE w/rotating head, 5M annular, blind rams & mud cross from 9,900' to 13,600'.
The BOPE and related equipment will meet the requirements of the 5M and 10M system.

OPERATORS MINIMUM SPECIFIC FOR BOPE:

The surface casing will be equipped with a flanged casing head of 5M PSI working pressure. We will NU an 11.0" 5M BOP, 5M Annular. This equipment will be nippled up on the surface casing and tested to 250 psi low test/5M psi high

test prior to drilling out. The surface casing will be tested to 1500 psi. Intermediate casing will be tested to the greater of 1500 psi or .22 psi/ft. The choke manifold equipment, upper Kelly cock, floor safety valves will be tested to 5M psi. The annular preventor will be tested to 250 psi low lest and 2500 psi high test or 50% of rated working pressure. A 10M BOP installed with 5M annular with 3 ½" rams, blind rams, mud cross and rotating head from intermediate shoe to TD. The BOPE will be hydraulically operated.

In addition, the BOP equipment will be tested after running intermediate casing, after any repairs to the equipment and at least once every 30 days. Pipe and blind rams will be activated on each trip, annular preventor will be activated weekly and weekly BOP drills will be held with each crew.

Statement on Accumulator System and Location of Hydraulic Controls:

Frontier #11 will be used at the proposed location. Operations will commence after approval of this application. Manual and/or hydraulic controls will be in compliance for 5M and 10M psi systems.

Auxiliary Equipment:

A) Mud logger with gas monitor –4,900' to TD
B) Choke manifold with one manual and one hydraulic operated choke
C) Full opening floor valve with drill pipe thread
D) Upper and lower Kelly cock
E) Shake, desander, desilter and mud cleaner.

4. **Proposed Casing & Cementing Program:**

Hole Size	Size	Grade	Thread	Weight	Setting Depth
17 1/2	13 3/8	J-55	LTC	54.5 lb/ft	600
12 ¼"	9 5/8"	N-80	LTC	40 lb/ft	4,900
8 ¾"	7 "	HCP 110	LTC	29 lb/ft	9,900
6"	4 ½"	HCP110	LTC	13.5 lb/ft	13,600

Conductor: 400 sacks Class G. 15.6 lb/gal, yield 1.15 cuft/sx, w 3% $CaCl_2$

Surface Cement: : Lead 540 sacks Premium Lite II 11 lb/gal, yield 3.2 cuft/sx, Plus 2%CaCl2 0.3%FL52 0.5% Sodium Metasilicate
Tail: 160 sacks Class G 14.4 lb/gal, yield 1.25 cuft/sx, 50:50 poz 2% CaCl2 2% gel 0.3% Sodium Metasilcate

Production Cement: Lead 540 sacks CemCRETE Blend 12.49 lb/gal, yield 1.65 cuft/sx, 55.9/44.1 (D961/D124) +0.2%bwob D65 +0.2%bwob D46 +0.4% bwob D13 + 0.2% bwib D167

Tail: 60 sacks 10.0 RFC (Class G) 14.1 lb/gal, yield 1.62

Liner: 220 sacks Well Bond Slurry 14.5 lb/gal, yield 1.86, Class G + 35% D66 + 1.6 gps D600G + 0.05 gps D80 + + 0.3% D167 +0.2% D46 + 0.4% D600 + 1% D20

5. **Drilling Fluids Program:**

Proposed Mud Program:

Interval	Type	Mud Weight
Surface	WBM	8.4 – 8.9
Intermediate	WBM	8.9 – 10.0
Production	WBM	11.0 – 13.5

Anticipated mud weights are based on actual offset well bottom-hole pressure data. Mud weights utilized may be somewhat higher to allow for tip margin and to provide hole stability for running logs and casing.

Visual mud monitoring equipment will be utilized.

6. **Evaluation Program**:

GR, Density, Neutron, Res/ 9900 to surface casing
GR to Surface
GR, Density, Neutron, Res, Sonic: TD to Intermediate Casing

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 13,600' TD equals approximately 9,194 psi (calculated at 0.6760 psi/foot).

Maximum anticipated surface pressure equals approximately 6,202 (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft).

8. **OPERATOR REQUESTS THAT THE PROPOSED WELL BE PLACED ON CONFIDENTIAL STATUS.**

Duncan 2-34 A1
NESE Sec. 34, T1S, R1W
UINTAH COUNTY, UT
FEE

EL PASO E&P COMPANY, L.P.

Related Surface Information

1) **CURRENT SURFACE USE:** Livestock Grazing and Oil and Gas Production.

2) **PROPOSED SURFACE DISTURBANCE:**
   a) The road will be crown and ditch. Water wings will be constructed on the access road as needed.
   b) The topsoil will be windrowed and respread in the borrow area.
   c) New road to be constructed will be approximately .66 miles in length, 25 feet wide.
   d) All equipment and vehicles will be confined to the access road, pad and area specified in the APD.

3) **LOCATION OF EXISTING WELLS:**
   Existing oil, gas and water wells within one (1) mile radius of proposed well are provided in EXHIBIT C.

   Water for drilling will be obtained from Dalbo Inc's underground well located in Ouray, Utah Sec 32 T4S R3E, Water Use Claim #43-8496

4) **EXISTING/PROPOSED FACILITIES FOR PRODUCTIVE WELL:**
   a) There are no existing facilities that will be utilized for this well.
   b) The pipeline will be constructed as shown on Exhibit C. Rehabilitation of unneeded, previously disturbed areas will consist of backfilling and contouring the reserve pit area; backsloping and contouring all cut and fill slopes. These areas will be reseeded. Refer to plans for reclamation of surface for details.
   c) Upgrade and maintain access roads and drainage control structures (e.g., culverts, drainage dips, ditching, etc.) as necessary to prevent soil erosion and accommodate safe, year-round traffic.

5) **CONSTRUCTION MATERIALS:**
Native soil from road and location will be used for construction materials along with gravel and/or scoria road base material. In the event that conditions should necessitate graveling of all or part of the access road and location, surfacing materials will be purchased from commercial suppliers in the marketing area.

6) **METHODS FOR HANDLING WASTE DISPOSAL:**

a) The reserve pit will be designed to prevent the collection of surface runoff and will be constructed with a minimum of ½ the total depth below the original ground surface on the lowest point within the pit. The pit will be lined with a 9-mil polyethylene to prevent leakage of fluids. The liner will be rolled into place and secured at the ends, i.e. buried on top of the pit berms. Prior to use, the reserve pit will be fenced on three sides; the fourth side will be fenced at the time the rig is removed. Drilling fluids, cuttings and produced water will be contained in the reserve pit (trash will be placed in the trash cage). Fluids in the reserve pit will be allowed to evaporate prior to pit burial.

b) Garbage and other trash will be contained in a portable trash cage and hauled off the location to an authorized disposal site. Any trash on the pad will be cleaned up prior to the rig move off location and hauled to an authorized disposal site.

c) Sewage will be handled in Portable Toilets.

d) Produced water will be placed in the reserve pit for a period not to exceed ninety days after initial production. Any hydrocarbons produced during completion work will be contained in test tanks and removed from location at a later date.

e) Water from the reserve pit may be used for drilling of additional wells. The water will be trucked along access roads as approved in pertinent APD's.

7) **ANCILLARY FACILITIES:**

There will be no ancillary facilities associated with this project.

8) **SURFACE RECLAMATION PLANS:**

Backfilling of the pits will be done when dry. In the event of a dry hole, the location will be re-contoured, the topsoil will be distributed evenly over the entire location, and the seedbed prepared

a) Seed will be planted after September 15th, and prior to ground frost, or seed will be planted after the frost has left and before May 15th. Slopes to steep for machinery will be hand broadcast and raked with twice the specified amount of seed.

   1. The construction program and design are on the attached cut, fill and cross sectional diagrams.
   2. Prior to construction, all topsoil will be removed from the entire site and stockpiled. Topsoil for this site is the first 6 inches of soil materials.
   3. After the location has been reshaped and after redistributing the topsoil, the operator will rip and scarify the drilling platform and access road on the contour, to a depth of at least 12 inches.

b) Rehabilitation will begin upon the completion of the drilling. Complete rehabilitation will depend on weather conditions and the amount of time required to dry the reserve pit.

2. All rehabilitation work including seeding will be completed as soon as weather and the reserve pit conditions are appropriate.
3. Landowner will be contacted for rehabilitation requirements.

9) SURFACE OWNERSHIP:

Surface negotiations are in progress. An affidavit of Facts will follow this application.

Steven N. Duncan and Gwendolyn H. Duncan
RR2 Box 2739
Roosevelt, Utah 84066

Cell Phone 435-823-6885
Home Phone 435-353-4366

10) OTHER INFORMATION:

a) The surface soil consists of clay, and silt.
b) Flora - vegetation consists of the following: Sagebrush, Juniper and prarie grasses.
c) Fauna - antelope, deer, coyotes, raptors, small mammals, and domestic grazing animals.
d) Current surface uses – Livestock grazing and mineral exploration and production.

AFFIDAVIT OF SURFACE DAMAGE AGREEMENT

Laura Smith personally appeared before me, and, being duly sworn, deposes and says:

1. My name is Laura Smith. I am a Sr. Staff Landman for El Paso E&P Company, L.P., whose address is 1099 18th Street, Suite 1900, Denver, Colorado 80202 ("El Paso").

2. El Paso is the Operator of the proposed Duncan 2-34A1 well to be located in the NESE of Section 34, Township 1 South, Range 1 West, Uintah County, Utah (the "Drillsite Location"). The surface owners of the Drillsite Location are Steven N. Duncan and Gwendolyn H. Duncan, Trustees of the Steven and Gwen Duncan Trust dated April 8, 2002, RR 2, Box 2739, Roosevelt, Utah 84066 (the "Surface Owners").

3. El Paso and the Surface Owners have agreed upon a damage settlement and release agreement covering the Drillsite Location and access to the Drillsite Location.

FURTHER AFFIANT SAYETH NOT.

Laura Smith

ACKNOWLEDGEMENT

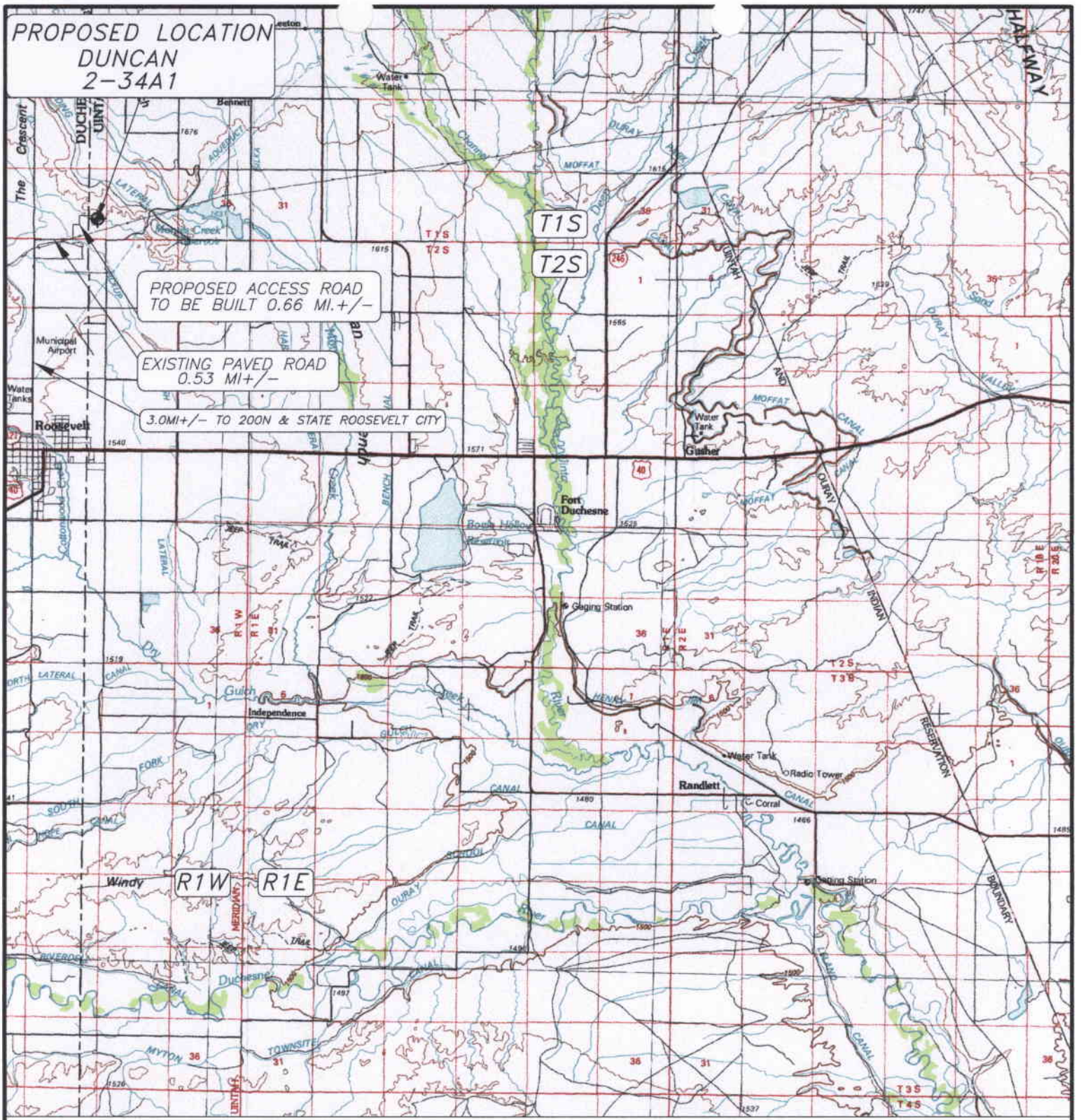
STATE OF COLORADO §
CITY AND §
COUNTY OF DENVER §

Before me, a Notary Public, in and for this state, on this 30th day of May, 2008 personally appeared Laura Smith, to me known to be the identical person who executed the within and foregoing instrument, and acknowledged to me that she executed the same as her own free and voluntary act and deed for the uses and purposes therein set forth.

NOTARY PUBLIC

My Commission Expires:
01/27/2010

NOTARY PUBLIC CECILY ANN VORUZ STATE OF



LEGEND:

◆ PROPOSED WELL LOCATION

01-128-042

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
121 NORTH CENTER ST.--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

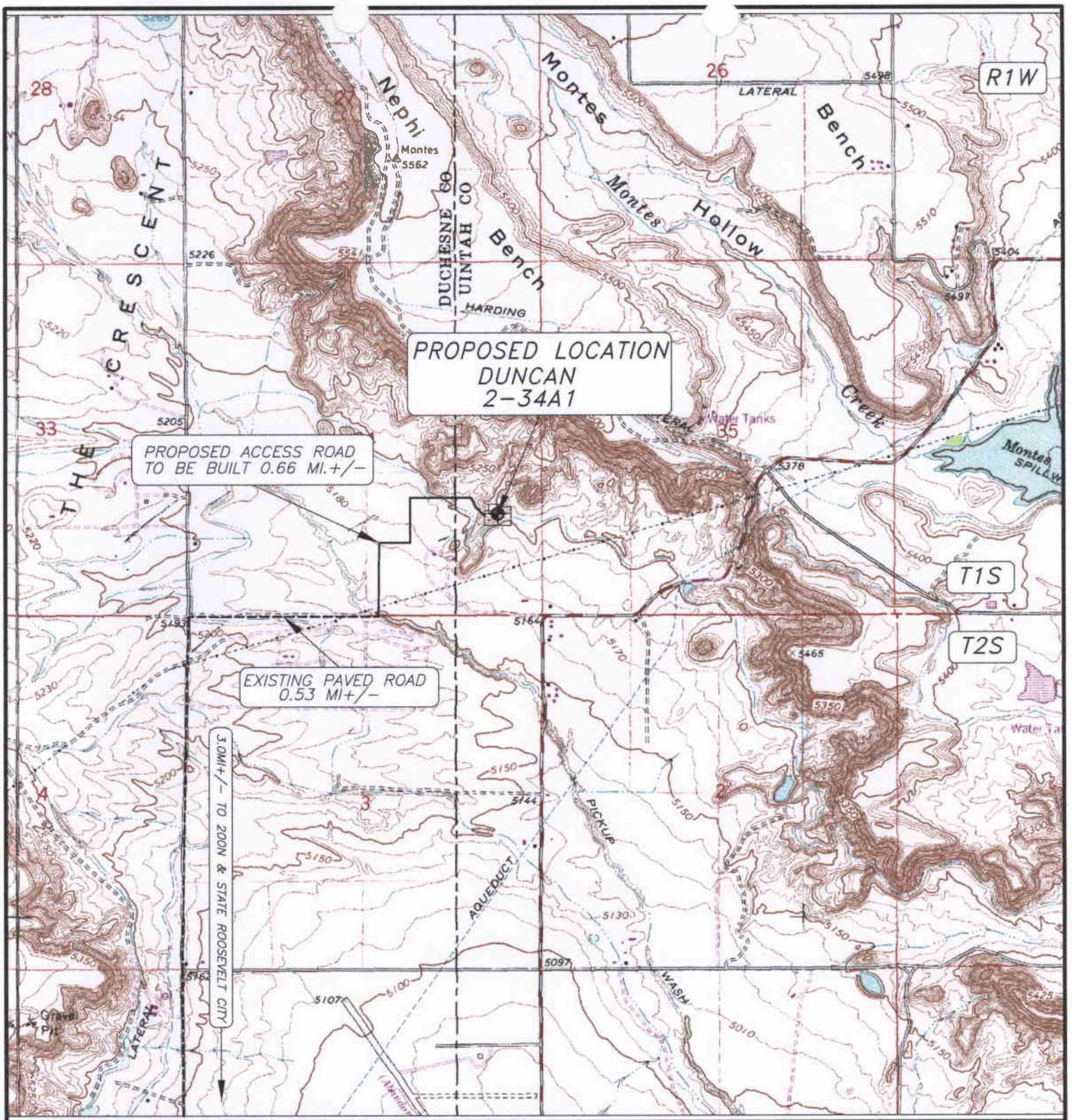
NORTH

EL PASO E & P COMPANY, L.P.

DUNCAN 2-34A1
SECTION 34, T1S, R1W, U.S.B.&M.
1530 FSL 660' FEL

TOPOGRAPHIC MAP "A"

SCALE: 1"=10,000'
21 MAY 2008



LEGEND:

- PROPOSED WELL LOCATION
- PROPOSED ACCESS ROAD
- EXISTING GRAVEL ROAD
- EXISTING PAVED ROAD

01-128-042

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
121 NORTH CENTER ST.--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

NORTH

EL PASO E & P COMPANY, L.P.

DUNCAN 2-34A1
SECTION 34, T1S, R1W, U.S.B.&M.
1530' FSL 660' FEL

TOPOGRAPHIC MAP "B"

SCALE: 1"=2000'
21 MAY 2008

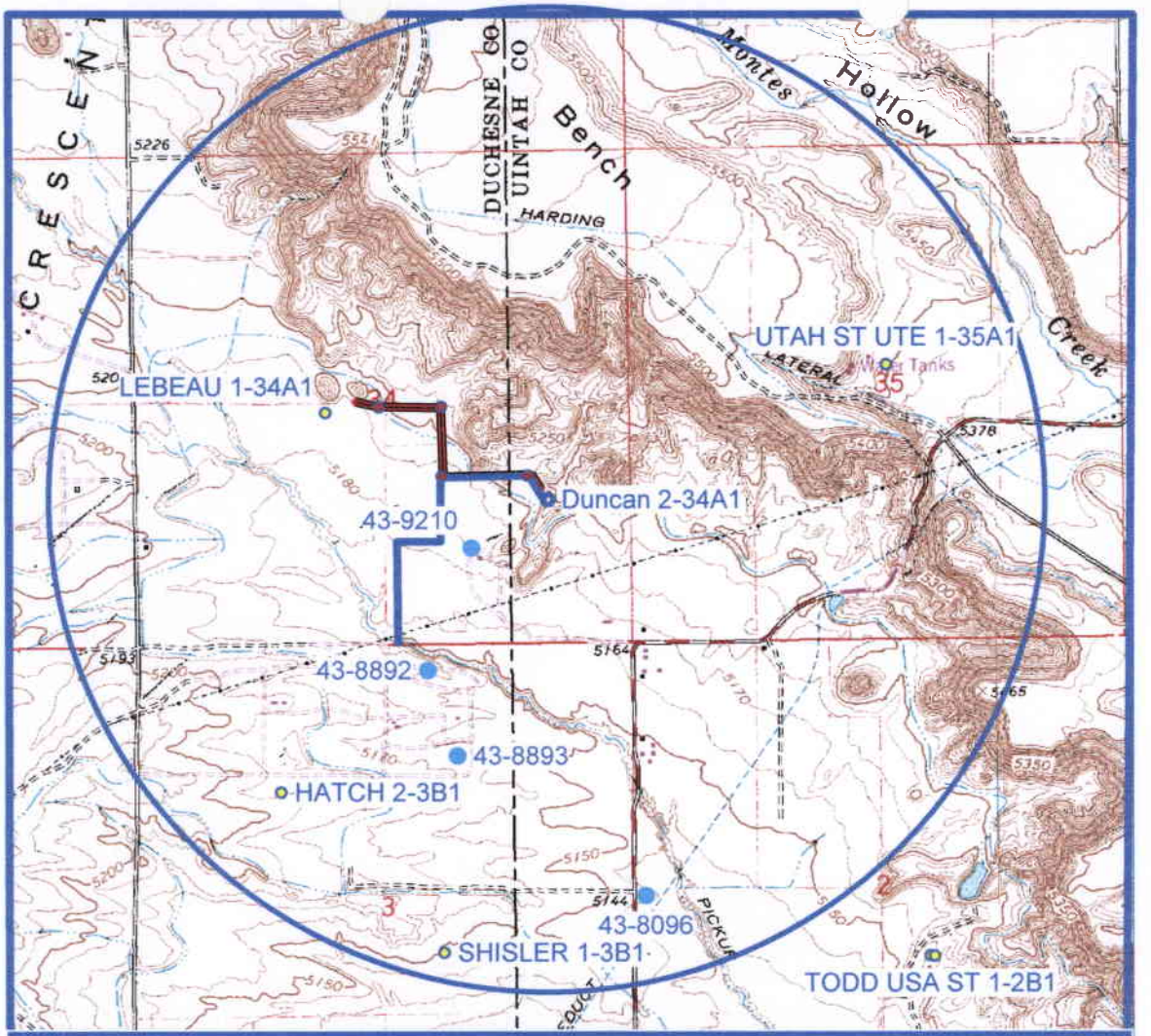


EXHIBIT C

El Paso E&P Company,L.P.
Duncan 2-34A1
NESE Section 34 T1S R1W
Uintah County, Utah
Scale 1 inch=2000 feet

TN
MN
GN

Existing Oil Wells One Mile Radius

Existing Water Wells One Mile Radius

Proposed Pipeline

Access Road

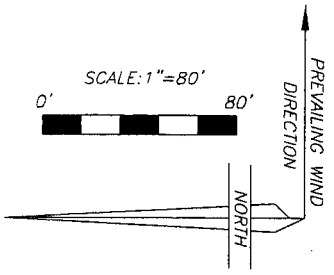
EL PASO E & P COMPANY, L.P.

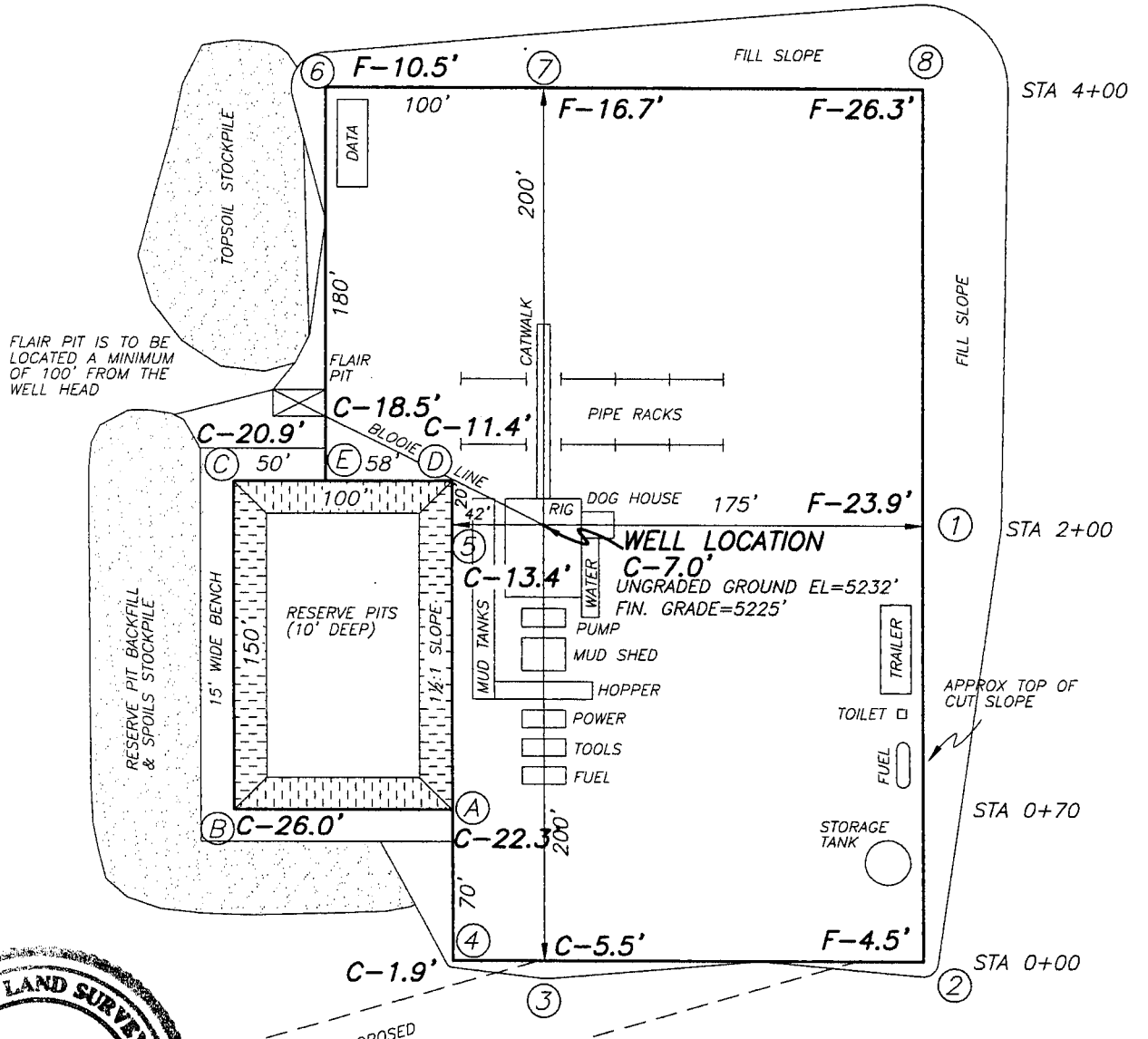
LOCATION LAYOUT FOR

DUNCAN 2-34A1

SECTION 34, T1S, R1W, U.S.B.&M.
1530' FSL, 660' FEL

FIGURE #1





LICENSED LAND SURVEYOR
No. 148951
JERRY D. ALLRED
22 May '08
STATE OF UTAH

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
121 NORTH CENTER ST.--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

22 MAY 2008 01-128-042

EL PASO E & P COMPANY, L.P.

LOCATION LAYOUT FOR

DUNCAN 2-34A1

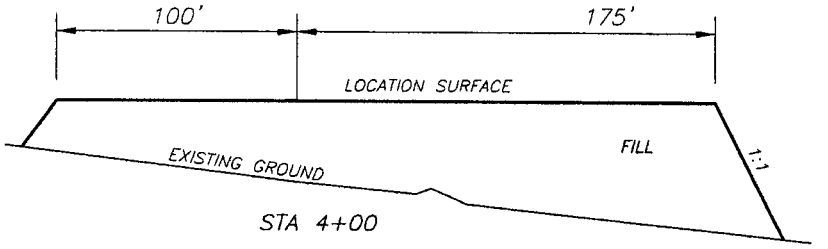
SECTION 34, T1S, R1W, U.S.B.&M.
1530' FSL, 660' FEL

FIGURE #2

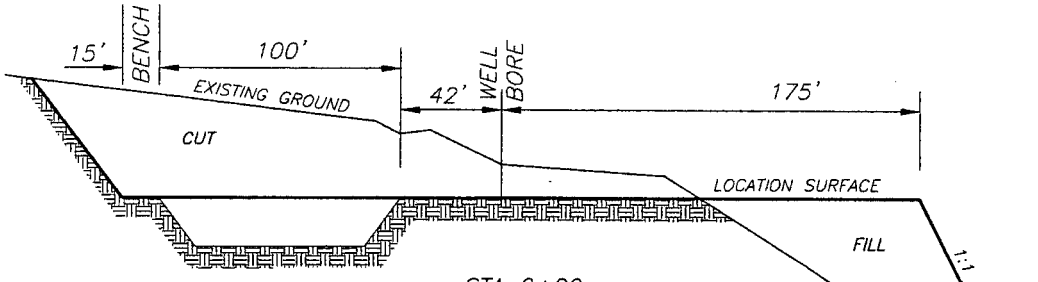
1"=40' X-SECTION SCALE

1"=80'

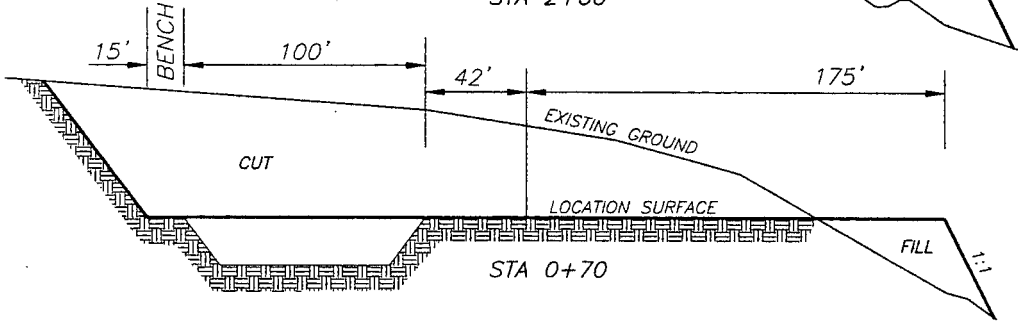
NOTE: ALL CUT/FILL SLOPES ARE 1½:1 UNLESS OTHERWISE NOTED



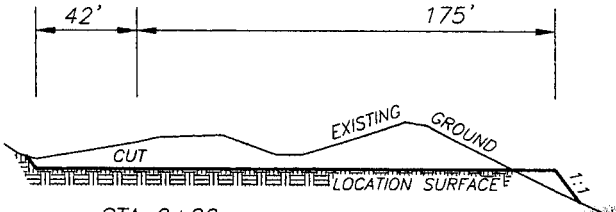
STA 4+00



STA 2+00



STA 0+70



STA 0+00

APPROXIMATE YARDAGES

TOTAL CUT (INCLUDING PIT) = 62,990 CU. YDS.

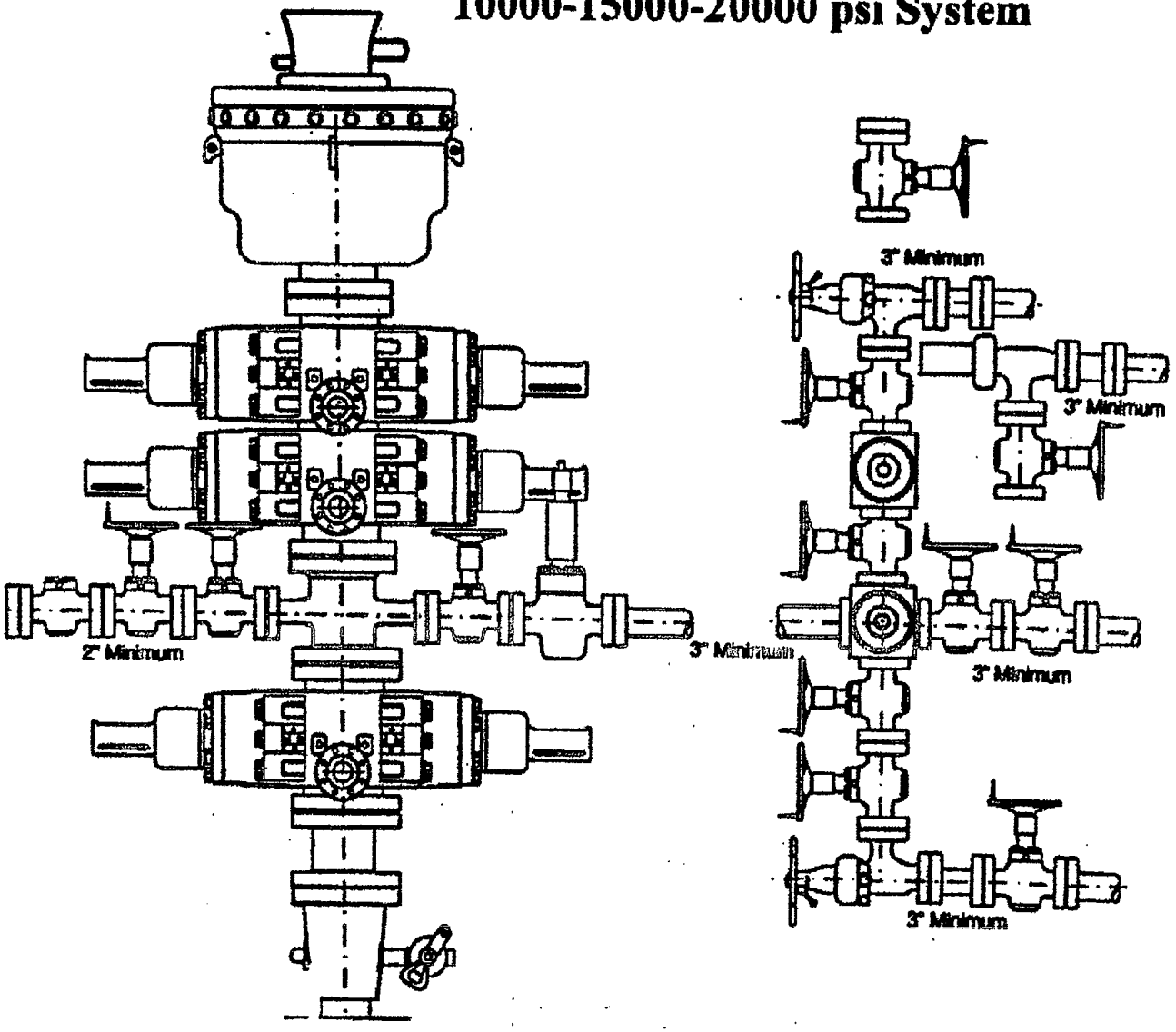
PIT CUT	=	4250 CU. YDS.
TOPSOIL STRIPPING: (6")	=	1114 CU. YDS.
REMAINING LOCATION CUT	=	57,626 CU. YDS

TOTAL FILL = 35,250 CU. YDS.

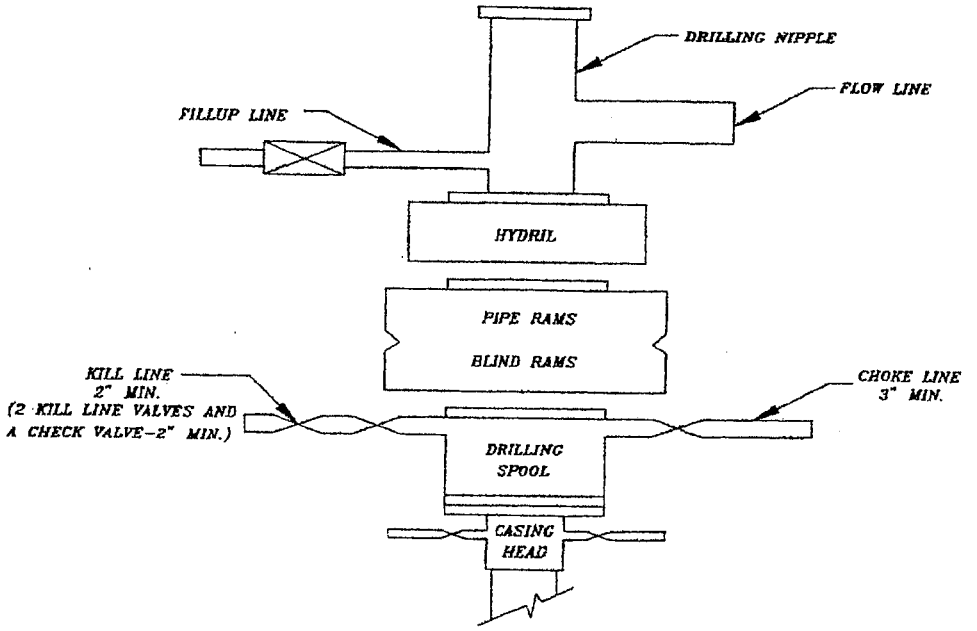
JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
121 NORTH CENTER ST.--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

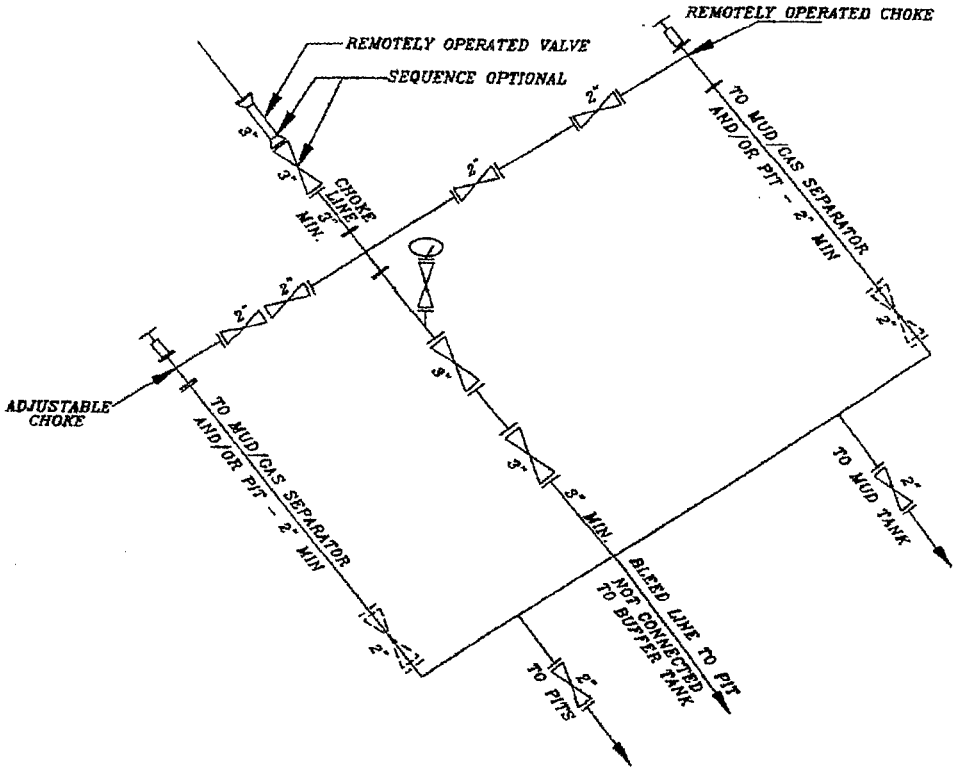
22 MAY 2008 01-128-042

10000-15000-20000 psi System



5M BOP STACK and CHOKE MANIFOLD SYSTEM





WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/13/2008

API NO. ASSIGNED: 43-047-39944

WELL NAME: DUNCAN 2-34A1
OPERATOR: EL PASO E&P COMPANY, LP (N3065)
CONTACT: LARRY BROWN

PHONE NUMBER: 307-237-9310

PROPOSED LOCATION:
N SESE 34 010S 010W
SURFACE: 1530 FSL 0660 FEL
BOTTOM: 1530 FSL 0660 FEL
COUNTY: UINTAH
LATITUDE: 40.34997 LONGITUDE: -109.9747
UTM SURF EASTINGS: 587076 NORTHINGS: 4466895
FIELD NAME: BLUEBELL (65)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DKD	4/15/08
Geology		
Surface		

LEASE TYPE: 4 - Fee
LEASE NUMBER: FEE
SURFACE OWNER: 4 - Fee

PROPOSED FORMATION: WSTC
COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

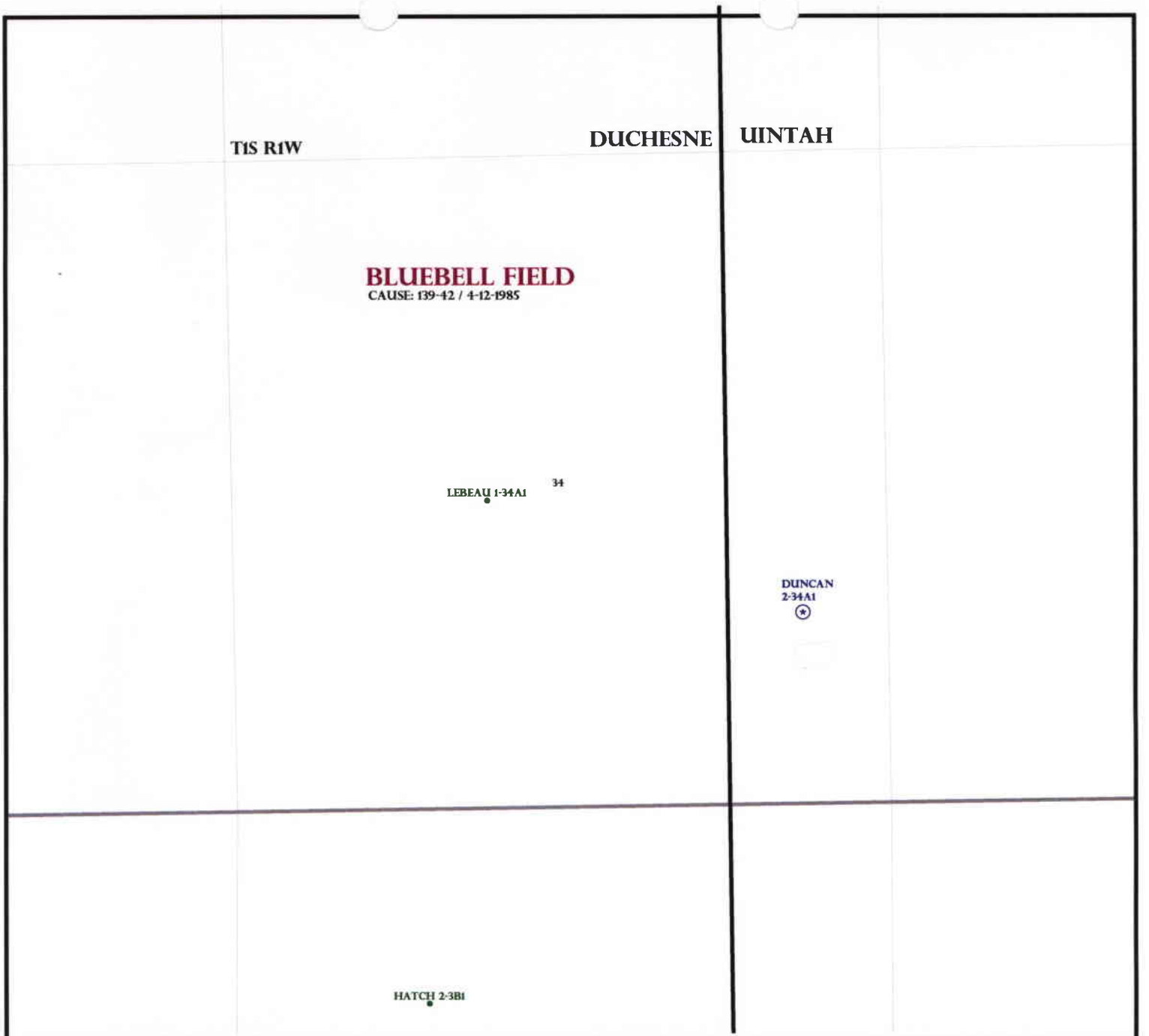
✓ Plat
✓ Bond: Fed[] Ind[] Sta[] Fee[]
(No. 400JU0708)
N Potash (Y/N)
N Oil Shale 190-5 (B) or 190-3 or 190-13
✓ Water Permit
(No. 43-8496)
N RDCC Review (Y/N)
(Date:)
X Fee Surf Agreement (Y/N) [Y circled]
NA Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.
Unit: ___
___ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
___ R649-3-3. Exception
✓ Drilling Unit
Board Cause No: 139-42
Eff Date: 4-12-1985
Siting: 660' fr u bdry & 1320' fr other wells.
___ R649-3-11. Directional Drill

COMMENTS: Need Presite (03-12-08)

STIPULATIONS: 1- STATEMENT OF BASIS
2- SURFACE CASING CMT STIP
3- CMT STIP #3 (7" PRODUCTION, 4700' MD)



OPERATOR: EL PASO PROD CO (N3065)

SEC: 34 T.1S R. 1W

FIELD: BLUEBELL (65)

COUNTY: UINTAH

CAUSE: 139-42 / 4-12-1985

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING

UTAH DNR
OIL, GAS & MINING

N
W E
S

PREPARED BY: DIANA MASON
DATE: 11-JUNE-2008

Application for Permit to Drill
Statement of Basis

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
694	43-047-39944-00-00		OW	P	No

Operator EL PASO E&P COMPANY, LP **Surface Owner-APD**
Well Name Duncan 2-34A1 **Unit**
Field BLUEBELL **Type of Work**
Location SESE 34 1S 1W U 1530 FSL 660 FEL GPS Coord (UTM) 587076E 4466895N

Geologic Statement of Basis

El Paso proposes to set 600 feet of conductor and 4,900 feet of surface casing which will be cemented to surface. The surface hole will be drilled utilizing fresh water mud. The estimated depth to the base of moderately saline ground water is 400 feet. A search of Division of Water Rights records indicates that there are over 60 water wells within a 10,000 foot radius of the center of Section 34. The nearest water well is approximately .25 miles from the proposed site and produces water from a depth of 290 feet. Most of these wells produce water from the Duchesne River Formation and are in the range of 30 -540 feet deep. The wells are used for domestic, irrigation and stock watering. The proposed casing and cementing program should adequately protect the highly used Duchesne River aquifer.

Brad Hill	3/12/2008
APD Evaluator	**Date / Time**

Surface Statement of Basis

The proposed location is in Uintah County approximately 4.2 road miles north east of Roosevelt, Utah. Access from Roosevelt is by Highway 40 and Uintah County roads to within approximately 0.66 miles of the location where a new road will be constructed. Terrain in the general area is varied. A limited amount of nearly level agricultural lands lie at the toe of broken gentle to moderately steep sloped hills. These hills become steeper falling away from a broad flat-topped bench located in the north portions of the section. Numerous swales and drainages break off from the steep side-slopes of the bench to the north. Some springs and seeps occur in these breaks and swales are probably augmented by irrigation and related transmission ditches on the bench. No concentrated flows of water exist except the ditch that is used to deliver irrigation water to the property. Dominant soils consist of clays with few rock outcrops. No evidence of recent slumping or landslides were observed.

The proposed location (Duncan 2-34A1) has been moved to the north 405 feet from a previously site to miss irrigated property owned by Mr. Kay Cloward. The new location is immediately north of Mr. Clowards fenced property line. It runs in an east-west direction on a lateral ridge of intermediate hills. Corner #1 is near the toe of the slope approximately 25 feet upslope from the above property line and below an abandoned canal. Fill at this corner is 25 feet and extends south to near the fence line. Above the abandoned canal the slope steepens to about 45 degrees. Corner 2 is on a moderately steep side-hill which tops out about 40 feet to the north but then breaks off toward the north. The west side of the location remains on this side-hill extending to the north. To the west of this end of the location and at a lower elevation is a flat dominated by Russina olive trees. In this area, a small stream flows to the south and apparently originates under the higher cliffs and side slopes to the north. The lateral ridge with a flat top extends to the north where it breaks off steeply on the north and southeast sides. An extensive fill up to 26 feet deep will occur on the southeast side of the location. At corner 8 the location will vary from the Location Layout (Figure 1) and will be rounded to reduce the distance from the toe of the fill to Mr. Clowards fence and irrigated field. Since extensive fills will occur with toes extending to near the private land care must be taken not to spill fill onto this land. To further guard against on location spills to runoff from the location on the south, Mr. Garner with ElPaso agreed to construct a secondary containment berm along the outside of the south and east sides of the pad. Tanks and facilities will also have containment berms. The location is not a good site because of the extensive earth movement that will be required. The center location and rig will be on an area of cut that should provide a stable base. Considering the concerns of Mr.

Cloward regarding a proposed location on his irrigated field, the re-located location seems to be a suitable option. As the well is drilled any drift of the well bore to the south will be favored to more directly tap the projected underground oil deposits. No diversions will be needed around the location as it is elevated above the normal seasonal runoff area.

All of the access road (0.66 miles) and location will be on lands owned by the Steven N. and Gwendolyn H. Duncan Trust. Mr. Duncan attended the pre-site visit and seemed satisfied with the plans as adjusted. A surface use agreement and road ROW agreement have been signed. The proposed site has no apparent construction and stability problems, which would prohibit constructing a pad, drilling and operating an oil well.

Floyd Bartlett	5/30/2008
Onsite Evaluator	**Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.
Surface	The well site shall be bermed on the east and south sides to prevent fluids from leaving the pad.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator EL PASO E&P COMPANY, LP
Well Name Duncan 2-34A1
API Number 43-047-39944-0 **APD No** 694 **Field/Unit** BLUEBELL
Location: 1/4,1/4 SESE **Sec** 34 **Tw** 1S **Rng** 1W 1530 FSL 660 FEL
GPS Coord (UTM) 587081 4466896 **Surface Owner**

Participants

Floyd Bartlett, David Hackford (DOGM), Wayne Garner (Construction Supervisor, El Paso) , John Whitesides (Landman Elpaso), Steven Duncan (Surface Owner).

Regional/Local Setting & Topography

The proposed location is in Uintah County approximately 4.2 road miles north east of Roosevelt, Utah. Access from Roosevelt is by Highway 40 and Uintah County roads to within approximately 0.66 miles of the location where a new road will be constructed. Terrain in the general area is varied. A limited amount of nearly level agricultural lands lie at the toe of broken gentle to moderately steep sloped hills. These hills become steeper falling away from a broad flat-topped bench located in the north portions of the section. Numerous swales and drainages break off from the steep side-slopes of the bench to the north. Some springs and seeps occur in these breaks and swales are probably augmented by irrigation and related transmission ditches on the bench. No concentrated flows of water exist except the ditch that is used to deliver irrigation water to the property. Dominant soils consist of clays with few rock outcrops. No evidence of recent slumping or landslides were observed.

The proposed location has been moved to the north 405 feet from a previously site to miss irrigated property owned by Mr. Kay Cloward. The new location is immediately north of Mr. Clowards fenced property line. It is located in an east-west direction on a lateral ridge of intermediate hills. Corner #1 is near the toe of the slope approximately 25 feet upslope from the above property line and below an abandoned canal. Fill at this corner is 25 feet and extends south to near the fence line. Above the abandoned canal the slope steepens to about 45 degrees. Corner 2 is on a moderately steep side-hill which tops out about 40 feet to the north but then breaks off toward the north. The west side of the location remains on this side-hill extending to the north. To the west of this end of the location and at a lower elevation is a flat dominated by Russina olive trees. In this area, a small stream flows to the south and apparently originates under the higher cliffs and side slopes to the north. The lateral ridge with a flat top extends to the north where it breaks off steeply on the north and southeast sides. An extensive fill up to 26 feet deep will occur on the southeast side of the location. At corner 8 the location will vary from the Location Layout (Figure 1) and will be rounded to reduce the distance from the toe of the fill to Mr. Clowards fence and irrigated field. Since extensive fills will occur with toes extending to near the private land care must be taken not to spill fill onto this land. To further guard against on location spills to runoff from the location on the south, Mr. Garner with ElPaso agreed to construct a secondary containment berm along the outside of the south and east sides of the pad. Tanks and facilities will also have containment berms. The location is not a good site because of the extensive earth movement that will be required. The center location and rig will be on an area of cut that should provide a stable base. Considering the concerns of Mr. Cloward regarding a proposed location on his irrigated field, the re-located location seems to be a suitable option. As the well is drilled any drift of the well bore to the south will be favored to more directly tap the projected underground oil deposits. No diversions will be needed around the location as it is elevated above the normal seasonal runoff area.

Surface Use Plan

Current Surface Use
Wildlfe Habitat
Agricultural

New Road Miles	Well Pad		Src Const Material	Surface Formation
0.66	**Width** 290	**Length** 400	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Vegetation on the site is abundant with a variety of species. Principal species include broom snakeweed, cheatgrass, horsebrush, ephedra, globe mallow, sagebrush, sego lilies, agoseris and spring annuals.

Fauna common in the area include deer, coyotes, prairie dogs, and numerous small mammals and birds.

Soil Type and Characteristics

Gravely sandy loam with some clay.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required N

Berm Required? Y

To further guard against on location spills to runoff from the location on the south, Mr. Garner with ElPaso agreed to construct a secondary containment berm along the outside of the south and east sides of the pad.

Erosion Sedimentation Control Required? N

Paleo Survey Run? N **Paleo Potental Observed?** N **Cultural Survey Run?** N **Cultural Resources?**

Reserve Pit

Site-Specific Factors			Site Ranking		
Distance to Groundwater (feet)	25 to 75		15		
Distance to Surface Water (feet)	200 to 300		10		
Dist. Nearest Municipal Well (ft)	500 to 1320		10		
Distance to Other Wells (feet)	>1320		0		
Native Soil Type	Mod permeability		10		
Fluid Type	Fresh Water		5		
Drill Cuttings	Normal Rock		0		
Annual Precipitation (inches)	<10		0		
Affected Populations	10 to 30		6		
Presence Nearby Utility Conduits	Not Present		0		
		Final Score	56	1	**Sensitivity Level**

Characteristics / Requirements

The reserve pit is planned on the northwest corner of the location in an area of cut. Dimensions are 100' x 150' x 10 feet deep. A 15 foot bench is planned. Sensitivity Level is 1. A liner is required. Wayne Garner of ElPaso said they commonly use a 16 mil liner.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** Y

Other Observations / Comments

Floyd Bartlett	5/30/2008
Evaluator	**Date / Time**

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 12, 2008

El Paso E & P Company, LP
291 Daffodil
Casper, WY 82604

Re: Duncan 2-34A1 Well, 1530' FSL, 660' FEL, NE SE, Sec. 34, T. 1 South, R. 1 West, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39944.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING

Operator: El Paso E & P Company, LP

Well Name & Number Duncan 2-34A1

API Number: 43-047-39944

Lease: Fee

Location: NE SE **Sec.** 34 **T.** 1 South **R.** 1 West

Conditions of Approval

1. **General**

   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. **Notification Requirements**

   The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

   - 24 hours prior to cementing or testing casing – contact Dan Jarvis
   - 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
   - 24 hours prior to spudding the well – contact Carol Daniels
   - Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
   - Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

   The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

   - Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
   - Any changes to the approved drilling plan – contact Dustin Doucet

   The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

   - Dan Jarvis at: (801) 538-5338 office (801) 942-0871 home
   - Carol Daniels at: (801) 538-5284 office
   - Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

3. **Reporting Requirements**

   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

5. Cement volume for the 7" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 4700' MD as indicated in the submitted drilling plan.

6. Surface casing shall be cemented to surface.

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER _____

8. WELL NAME and NUMBER: DUNCAN 2-34A1

2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P.

9. API NUMBER: 4304739944

3. ADDRESS OF OPERATOR: 1099 18TH ST, STE 1900 CITY DENVER STATE CO ZIP 80202

PHONE NUMBER: (303) 291-6400

10. FIELD AND POOL, OR WILDCAT: BLUEBELL

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1530' FSL, 660' FEL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 34 1S 1W

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: _____	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
_____	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: NOTICE OF SPUD
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	_____

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

OPERATOR SPUD 17-1/2" HOLE ON 7/18/2008. DRILLED TO 646' AND SET 13-3/8" CONDUCTOR PIPE TO 623'. DRILL 12-1/4" HOLE TO 1105' ON 8/18/2008.

NAME (PLEASE PRINT) LISA PRETZ TITLE ENGINEERING TECH

SIGNATURE _____ DATE 8/20/2008

(This space for State use only)

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AUG 2 5 2008
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: El Paso E&P Company, L.P.
Operator Account Number: N 3065
Address: 1099 18th Street, Suite 1900
city Denver
state CO zip 80202
Phone Number: (303) 291-6400

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304739944	DUNCAN 2-34A1		SESE	34	1S	1W	UINTAH
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
C A	99999	17043	7/18/2008			8/25/08	
Comments: WSTC							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
Comments:							

ACTION CODES:

- **A** - Establish new entity for new well (single well only)
- **B** - Add new well to existing entity (group or unit well)
- **C** - Re-assign well from one existing entity to another existing entity
- **D** - Re-assign well from one existing entity to a new entity
- **E** - Other (Explain in 'comments' section)

RECEIVED
AUG 25 2008
DIV. OF OIL, GAS & MINING

LISA PRETZ
Name (Please Print)
Signature
ENGINEERING TECH
Title
8/20/2008
Date

(5/2000)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, *significantly* deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER: DUNCAN 2-34A1

2. NAME OF OPERATOR: EL PASO E & P COMPANY, L.P.

9. API NUMBER: 4304739944

3. ADDRESS OF OPERATOR: 1099 18TH ST. SUITE 1900 CITY DENVER STATE CO ZIP 80202

PHONE NUMBER: (303) 291-6400

10. FIELD AND POOL, OR WILDCAT: BLUEBELL

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1530' FSL & 660' FEL

COUNTY: UNITAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 34 1S 1W

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 9/18/2008	☑ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EL PASO RESPECTFULLY REQUESTS APPROVAL FOR CHANGE IN PRODUCTION CASING SIZE FOR THIS CURRENTLY DRILLING WELL. THE WELL WAS PERMITTED FOR 5-1/2" CASING. HOWEVER; DUE TO MARKET UNAVAILABILITY, WE WILL HAVE TO RUN 7" CASING INSTEAD.

THE LAST APPROXIMATELY 5400' WILL BE 7" 41PPF Q-125 STL. (PROPOSED TD 13,600' MD/TVD).

CEMENT:CLASS G 50:50 POZ, 4% GEL, .4% HR601, 5PPS SILICALITE, .5% HALAD 344, .3% HALAD 413, .5% SUPER CBL, 6% WELLLIFE 665. 860 SX, 13.5 PPG, , 1.86 YIELD, (25% EXCESS OVER GAUGE).

EL PASO WILL PUMP 25% EXCESS OVER 1 ARM CALIPER TO 200' INSIDE OF SURFACE CASING. SURFACE CASING IS SET @ 4944'.

PLEASE SEE ATTACHED WELLBORE DIAGRAM.

COPY SENT TO OPERATOR
Date: 9.23.2008
Initials: KS

NAME (PLEASE PRINT) MARIE OKEEFE TITLE SR REGULATORY ANALYST

SIGNATURE Marie Okeefe ORIGINAL DATE 9/10/2008

(This space for State use only)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 9/17/08
BY:
* Production Cement shall be brought back to 4700' as proposed

RECEIVED
SEP 11 2008
DIV. OF OIL, GAS & MINING

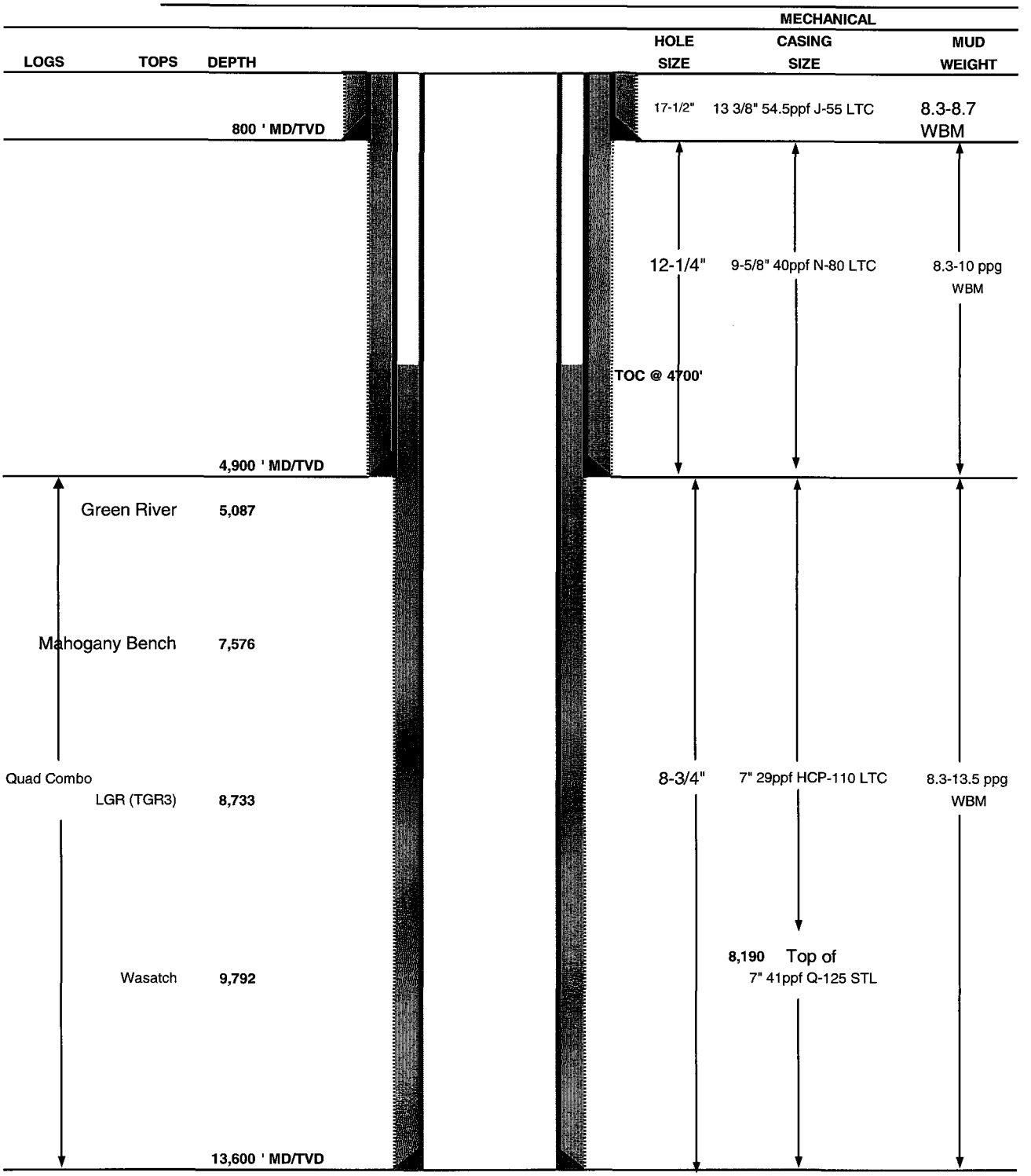
(5/2000) (See Instructions on Reverse Side)

elpaso Production

Drilling Schematic

Company Name: El Paso Exploration & Production
Well Name: **Duncan 2-34A1**
Field, County, State: Altamont - Bluebell, Duchesne, Utah
Surface Location: 1,530' FSL, 660' FEL, SEC. 34, T1S, R1W
Objective Zone(s): Green River, Wasatch
Rig: Precision drilling 426
BOPE Info: 5.0 x 13 3/8 rotating head from surface to 4900 11 5M BOP stack and 5M kill lines and choke manifold used from 4900 to TD

Date: July 15, 2008
TD: 13,600
AFE #:
BHL: Straight Hole
Elevation: 5187 (5217 RKB)
Spud (est.): August 5, 2008



DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS BURST	COLLAPSE	TENSION
						2,730	1,140	1,399
CONDUCTOR	13 3/8"	0 - 800	54.5	J-55	LTC	21.45	3.04	7.51
						5,750	3,530	606
SURFACE	9-5/8"	0 - 4900	40	N-80	LTC	2.00	1.54	2.05
						11,220	9,200	797
PRODUCTION	7"	0 - 8190	29	HCP-110	LTC	2.33	1.60	1.42
						18,440	19,300	1,006
	7"	8190 - 13600	41	Q-125	STL	2.31	2.02	3.13

CEMENT PROGRAM		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT ppg	YIELD cuft/sk
CONDUCTOR		800	Class G + 3% CaCl2	730	50%	15.6	1.15
SURFACE	Lead	4,400	Premium Lite II Plus, 2% CaCl2 0.3% FL52 0.5% Sodium Metasilicate	500	15%	11.0	3.2
	Tail	500	Class G 50:50 poz, 2% CaCl2, 2% gel 0.3% sodium metasilicate	150	15%	14.4	1.25
PRODUCTION	Lead	8,500	Class G 50:50 poz, 4% gel, .4%HR601 5pps silicalite, .5% Halad 344, .3% Halad 413 .5% super CBL, 6% Welllife 665	860	25%	13.50	1.86

FLOAT EQUIPMENT & CENTRALIZERS

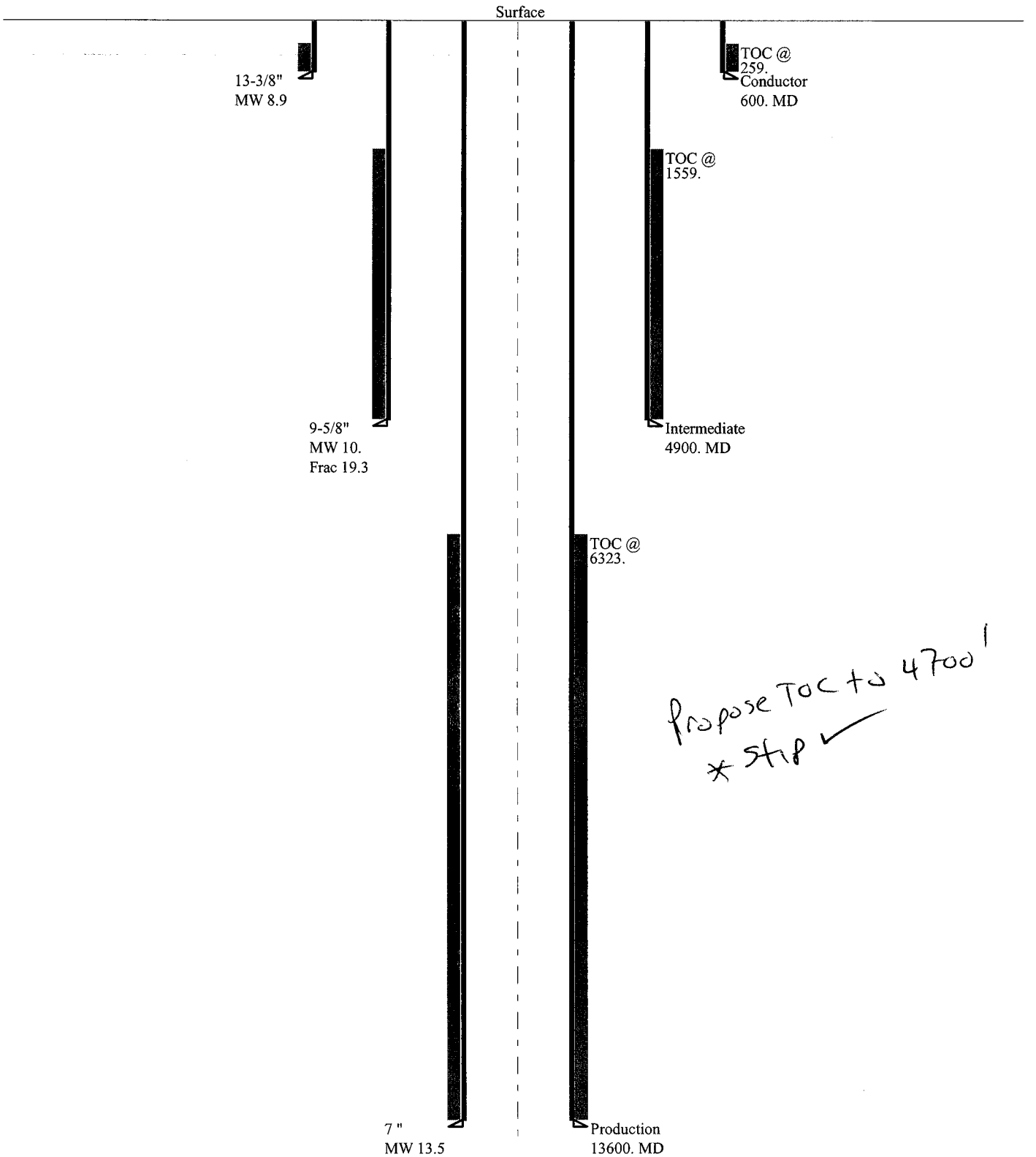
CONDUCTOR	PDC drillable float shoe, 1 joint, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing.
SURFACE	PDC drillable float shoe, 2 joints casing, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing & every 3rd joint thereafter.
PRODUCTION	PDC drillable float shoe, 1 joint, PDC drillable float collar. Thread lock all float equipment. Install rigid centralizers on 1 every 3rd joint up to TOC.

PROJECT ENGINEER(S): Alex Erhardt

MANAGER: _____

2008-03 El Paso Duncan 2-34A1rev.

Casing Schematic



Well name:	**2008-03 El Paso Duncan 2-34A1rev.**
Operator:	**El Paso E & P Company, L.P.**
String type:	Production
Project ID:	43-047-39944
Location:	Uintah County, Utah

Design parameters:

Collapse

Mud weight: 13.500 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 6,546 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 9,538 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 11,317 ft

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 255 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 6,323 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
2	8200	7	29.00	HCP-110	LT&C	8200	8200	6.059	1710.3
1	5400	7	41.00	Q-125	LT&C	13600	13600	5.695	997.6

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
2	5751	8870	1.542 ✓	8350	11220	1.34 ✓	366	797	2.18 J ✓
1	9538	19300	2.024 ✓	9538	14430	1.51 ✓	128	1244	9.73 J ✓

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Minerals
Phone: (801) 538-5357
FAX: (801) 359-3940
Date: September 17,2008
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 13600 ft, a mud weight of 13.5 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ (highlight changes) FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1a. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ DRY ☐ OTHER

7. UNIT or CA AGREEMENT NAME

b. TYPE OF WORK: NEW WELL ☑ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER

8. WELL NAME and NUMBER: DUNCAN 2-34A1

2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P.

9. API NUMBER: 4304739944

3. ADDRESS OF OPERATOR: 1099 18TH ST., STE. 1900 CITY DENVER STATE CO ZIP 80202

PHONE NUMBER: (303) 291-6400

10 FIELD AND POOL, OR WILDCAT: BLUEBELL

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 1530' FSL & 660' FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW: Same
AT TOTAL DEPTH: Same

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 34 1S 1W

12. COUNTY: UINTAH

13. STATE: UTAH

14. DATE SPUDDED: 7/10/2008

15. DATE T.D. REACHED: 10/4/2008

16. DATE COMPLETED: 11/5/2008 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL): 5232 GL

18. TOTAL DEPTH: MD 13,400 TVD 13,400

19. PLUG BACK T.D.: MD 13,325 TVD 13,325

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

23.
WAS WELL CORED? NO ☑ YES ☐ (Submit analysis)
WAS DST RUN? NO ☑ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☑ YES ☐ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
17.50"	13 3/8 J-55	54.50	0	623	623	G 825		surf	N/A
12.25"	9 5/8" N-80	40	0	4,938	4,938	50/50 1,99[illegible]	543	surf	N/A
8.75"	7" HCP-1	29	0	10,509	10,509	G 815	285	CBL 4176	N/A
6.125"	4 1/2" P-110	15.10	10,253	13,406	13,406	50/50 410	162	CBL 10253	N/A

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	9,708							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Wasatch				
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
10,543 13,289	.43	609	Open ☑ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
STG 1: 12531-13289	PMP 30000 GAL PAD, 10021 LB 100 MESH, 146981 LB 20/40 SINTERLITE IN X-LINK GEL
STG 2: 11565-12499	PMP 30000 GAL PAD, 10031 LB 100 MESH, 150718 LB 20/40 SINTERLITE IN X-LINK GEL
STG 3: 10548-11514	PMP 35000 GAL PAD, 12524 LB 100 MESH, 200577 LB 20/40 SINTERLITE IN X-LINK GEL

29. ENCLOSED ATTACHMENTS:

☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS: Producing

(5/2000)

(CONTINUED ON BACK)

STG 4: 9803-10453 PMP 45000 GAL PAD, 13090 LB 100 MESH, 278746 LB 20/40 SINTERLITE IN X-LINK GEL

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31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
10/26/2008	10/27/2008	24		229	222	159	flowing

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:
22/48			42.20				229	222	159	Open

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

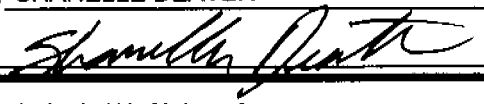
34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Green River	5,095	7,610		Green River	5,095
Mahogony Bench	7,610	8,751		Mahogony Bench	7,610
L Green River	8,751	9,800		L Green River	8,751
Wasatch	9,800	13,325		Wasatch	9,800

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) SHANELLE DEATER TITLE ENGINEERING TECH

SIGNATURE  DATE 1/14/2009

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

DOGM

amended 3/25/11

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☑ (highlight changes) FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1a. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ DRY ☐ OTHER

7. UNIT or CA AGREEMENT NAME: VR49I 84694C

b. TYPE OF WORK: NEW WELL ☑ HORIZ LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER

8. WELL NAME and NUMBER: DUNCAN 2-34A1

2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P.

9. API NUMBER: 4304739944

3. ADDRESS OF OPERATOR: 1099 18TH ST., STE. 1900 CITY DENVER STATE CO ZIP 80202

PHONE NUMBER: (303) 291-6400

10. FIELD AND POOL, OR WILDCAT: BLUEBELL

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 1530' FSL & 660' FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW: Same
AT TOTAL DEPTH: Same

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 34 1S 1W

12. COUNTY: UINTAH

13. STATE: UTAH

14. DATE SPUDDED: 7/10/2008

15. DATE T.D. REACHED: 10/4/2008

16. DATE COMPLETED: 11/5/2008 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL): 5232 GL

18. TOTAL DEPTH: MD 13,400 TVD 13,400

19. PLUG BACK T.D.: MD 13,325 TVD 13,325

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

23.
WAS WELL CORED? NO ☑ YES ☐ (Submit analysis)
WAS DST RUN? NO ☑ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☑ YES ☐ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
17.50"	13 3/8 J-55	54.50	0	623	623	G 825		surf	N/A
12.25"	9 5/8" N-80	40	0	4,938	4,938	50/50 1,99[illegible]	543	surf	N/A
8.75"	7" HCP-1	29	0	10,509	10,509	G 815	285	CBL 4176	N/A
6.125"	4 1/2" P-110	15.10	10,253	13,406	13,406	50/50 410	162	CBL 10253	N/A

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	9,708							

26. PRODUCING INTERVALS / 27. PERFORATION RECORD

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Wasatch					10,543 13,289	.43	609	Open ☑ Squeezed ☐
(B)								Open ☐ Squeezed ☐
(C)								Open ☐ Squeezed ☐
(D)								Open ☐ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
STG 1: 12531-13289	PMP 30000 GAL PAD, 10021 LB 100 MESH, 146981 LB 20/40 SINTERLITE IN X-LINK GEL
STG 2: 11565-12499	PMP 30000 GAL PAD, 10031 LB 100 MESH, 150718 LB 20/40 SINTERLITE IN X-LINK GEL
STG 3: 10548-11514	PMP 35000 GAL PAD, 12524 LB 100 MESH, 200577 LB 20/40 SINTERLITE IN X-LINK GEL

29. ENCLOSED ATTACHMENTS:
☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS: Producing

(5/2000)

(CONTINUED ON BACK)

STG 4: 9803-10453 PMP 45000 GAL PAD, 13090 LB 100 MESH, 278746 LB 20/40 SINTERLITE IN X-LINK GEL

RECEIVED
MAR 29 2011
DIV. OF OIL, GAS & MINING

RECEIVED
JAN 22 2009
DIV. OF OIL, GAS & MINING

31. INITIAL PRODUCTION — **INTERVAL A (As shown in Item #26)**

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
10/26/2008	10/27/2008	24		229	222	159	flowing

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:
22/48			42.20				229	222	159	Open

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Green River	5,095	7,610		Green River	5,095
Mahogony Bench	7,610	8,751		Mahogony Bench	7,610
L Green River	8,751	9,800		L Green River	8,751
Wasatch	9,800	13,325		Wasatch	9,800

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) SHANELLE DEATER TITLE ENGINEERING TECH Revised

SIGNATURE Shanelle Deater DATE 1/14/2009 3/25/11 Mdeife

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – *Other instructions on page 2.*

5. Lease Serial No.
Fee

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.
VR49I84694C

1. Type of Well
☑ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
Duncan 2-34A1

2. Name of Operator
El Paso E & P Company

9. API Well No.
4304739944

3a. Address
1099 18th St #1900 Denver, Co 80202

3b. Phone No. *(include area code)*
303.291.6400

10. Field and Pool or Exploratory Area
Bluebell

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
1530 FSL & 660 FEL 34-1S-1W-SESE

11. Country or Parish, State
Duchesne, UT

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☑ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other CA Number
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Please note the communitazation number for subject well is VR49I84694C. El Paso production reports are kicking out of the MMS database because the CA number is not in the BLM database.

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*
Marie OKeefe

Title Sr. Regulatory Analyst

Signature Marie OKeefe

Date 03/25/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold) Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **6/1/2012**

FROM: (Old Operator):	**TO:** (New Operator):
N3065- El Paso E&P Company, L.P.	N3850- EP Energy E&P Company, L.P.
1001 Louisiana Street	1001 Louisiana Street
Houston, TX. 77002	Houston, TX. 77002
Phone: 1 (713) 997-5038	Phone: 1 (713) 997-5038

CA No. **Unit:** N/A

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/25/2012
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/25/2012
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 6/27/2012
4a. Is the new operator registered in the State of Utah: _____ Business Number: 2114377-0181
5a. (R649-9-2)Waste Management Plan has been received on: Yes
5b. Inspections of LA PA state/fee well sites complete on: N/A
5c. Reports current for Production/Disposition & Sundries on: 6/25/2012
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM N/A BIA Not Received
7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
9. **Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: Second Oper Chg

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 6/29/2012
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 6/29/2012
3. Bond information entered in RBDMS on: 6/29/2012
4. Fee/State wells attached to bond in RBDMS on: 6/29/2012
5. Injection Projects to new operator in RBDMS on: 6/29/2012
6. Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: 103601420
2. Indian well(s) covered by Bond Number: 103601473
3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 400JU0705
3b. The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 6/29/2012

COMMENTS:

Disposal and Injections wells will be moved when UIC 5 is received.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER: Multiple Leases

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER _____

8. WELL NAME and NUMBER: See Attached

2. NAME OF OPERATOR: El Paso E&P Company, L.P. Attn: Maria Gomez

9. API NUMBER:

3. ADDRESS OF OPERATOR: 1001 Louisiana CITY Houston STATE TX ZIP 77002

PHONE NUMBER: (713) 997-5038

10. FIELD AND POOL, OR WILDCAT: See Attached

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See Attached

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: _____	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
_____	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Change of Name/Operator
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please be advised that El Paso E&P Company, L.P. (current Operator) has changed names to EP Energy E&P Company, L.P. (new Operator) effective June 1, 2012 and that EP Energy E&P Company, L.P. is considered the new operator of the attached well locations.

EP Energy E&P Company, L.P. is responsible under the terms and conditions of the lease(s) for the operations conducted upon leased lands. Bond coverage is provided by the State of Utah Statewide Blanket Bond No. 400JU0705, Bureau of Land Management Nationwide Bond No. 103601420, and Bureau of Indian Affairs Nationwide Bond No. 103601473.

Frank W. Falleri
Vice President
El Paso E&P Company, L.P.

Frank W. Falleri
Sr. Vice President
EP Energy E&P Company, L.P.

NAME (PLEASE PRINT) Maria S. Gomez TITLE Principal Regulatory Analyst

SIGNATURE Maria S. Gomez DATE 6/22/2012

(This space for State use only)

APPROVED 6/29/2012
Rachel Medina
Division of Oil, Gas and Mining
~~Earlene Russell, Engineering Technician~~
Rachel Medina

RECEIVED
JUN 25 2012
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

El Paso E1 Company, L.P. (N3065) to EP Energy E1 Company, L.P. (N3850) effective 6/1/2012

Well Name	Sec	TWP	RNG	API Number	Entity	Lease Type	Well Type	Well Status	Conf
DWR 3-17C6	17	030S	060W	4301350070		14204621118	OW	APD	C
LAKEWOOD ESTATES 3-33C6	33	030S	060W	4301350127		1420H621328	OW	APD	C
YOUNG 3-15A3	15	010S	030W	4301350122		FEE	OW	APD	C
WHITING 4-1A2	01	010S	020W	4301350424		Fee	OW	APD	C
EL PASO 4-34A4	34	010S	040W	4301350720		Fee	OW	APD	C
YOUNG 2-2B1	02	020S	010W	4304751180		FEE	OW	APD	C
LAKE FORK RANCH 3-10B4	10	020S	040W	4301350712	18221	Fee	OW	DRL	C
LAKE FORK RANCH 4-26B4	26	020S	040W	4301350714	18432	Fee	OW	DRL	C
LAKE FORK RANCH 4-24B4	24	020S	040W	4301350717	18315	Fee	OW	DRL	C
Cook 4-14B3	14	020S	030W	4301351162	18449	Fee	OW	DRL	C
Peterson 4-22C6	22	030S	060W	4301351163	18518	Fee	OW	DRL	C
Lake Fork Ranch 4-14B4	14	020S	040W	4301351240	99999	Fee	OW	DRL	C
Melesco 4-20C6	20	030S	060W	4301351241	99999	Fee	OW	DRL	C
Peck 3-13B5	13	020S	050W	4301351364	99999	Fee	OW	DRL	C
Jensen 2-9C4	09	030S	040W	4301351375	99999	Fee	OW	DRL	C
El Paso 3-5C4	05	030S	040W	4301351376	18563	Fee	OW	DRL	C
ULT 6-31	31	030S	020E	4304740033		FEE	OW	LA	
OBERHANSLY 2-2A1	02	010S	010W	4304740164		FEE	OW	LA	
DWR 3-15C6	15	030S	060W	4301351433		14-20-H62-4724	OW	NEW	C
Lake Fork Ranch 5-23B4	23	020S	040W	4301350739		Fee	OW	NEW	
Duchesne Land 4-10C5	10	030S	050W	4301351262		Fee	OW	NEW	C
Cabinland 4-9B3	09	020S	030W	4301351374		Fee	OW	NEW	C
Layton 4-2B3	02	020S	030W	4301351389		Fee	OW	NEW	C
Golinski 4-24B5	24	020S	050W	4301351404		Fee	OW	NEW	C
Alba 1-21C4	21	030S	040W	4301351460		Fee	OW	NEW	C
Allison 4-19C5	19	030S	050W	4301351466		Fee	OW	NEW	C
Seeley 4-3B3	03	020S	030W	4301351486		Fee	OW	NEW	C
Allen 4-25B5	25	020S	050W	4301351487		Fee	OW	NEW	C
Hewett 2-6C4	06	030S	040W	4301351489		Fee	OW	NEW	C
Young 2-7C4	07	030S	040W	4301351500		Fee	OW	NEW	C
Brighton 3-31A1E	31	010S	010E	4304752471		Fee	OW	NEW	C
Hamaker 3-25A1	25	010S	010W	4304752491		Fee	OW	NEW	C
Bolton 3-29A1E	29	010S	010E	4304752871		Fee	OW	NEW	C
HORROCKS 5-20A1	20	010S	010W	4301334280	17378	FEE	OW	OPS	C
DWR 3-19C6	19	030S	060W	4301334263	17440	14-20-462-1120	OW	P	
DWR 3-22C6	22	030S	060W	4301334106	17298	14-20-462-1131	OW	P	
DWR 3-28C6	28	030S	060W	4301334264	17360	14-20-462-1323	OW	P	
UTE 1-7A2	07	010S	020W	4301330025	5850	14-20-462-811	OW	P	
UTE 2-17C6	17	030S	060W	4301331033	10115	14-20-H62-1118	OW	P	
WLR TRIBAL 2-19C6	19	030S	060W	4301331035	10250	14-20-H62-1120	OW	P	
CEDAR RIM 10-A-15C6	15	030S	060W	4301330615	6420	14-20-H62-1128	OW	P	
CEDAR RIM 12A	28	030S	060W	4301331173	10672	14-20-H62-1323	OW	P	
UTE-FEE 2-33C6	33	030S	060W	4301331123	10365	14-20-H62-1328	OW	P	
TAYLOR 3-34C6	34	030S	060W	4301350200	17572	1420H621329	OW	P	
BAKER UTE 2-34C6	34	030S	060W	4301332634	14590	14-20-H62-1329	OW	P	
UTE 3-35Z2 K	35	010N	020W	4301331133	10483	14-20-H62-1614	OW	P	
UTE 1-32Z2	32	010N	020W	4301330379	1915	14-20-H62-1702	OW	P	
UTE TRIBAL 1-33Z2	33	010N	020W	4301330334	1851	14-20-H62-1703	OW	P	
UTE 2-33Z2	33	010N	020W	4301331111	10451	14-20-H62-1703	OW	P	
UTE TRIBAL 2-34Z2	34	010N	020W	4301331167	10668	14-20-H62-1704	OW	P	
LAKE FORK RANCH 3-13B4	13	020S	040W	4301334262	17439	14-20-H62-1743	OW	P	
UTE 1-28B4	28	020S	040W	4301330242	1796	14-20-H62-1745	OW	P	
UTE 1-34A4	34	010S	040W	4301330076	1585	14-20-H62-1774	OW	P	
UTE 1-36A4	36	010S	040W	4301330069	1580	14-20-H62-1793	OW	P	
UTE 1-1B4	01	020S	040W	4301330129	1700	14-20-H62-1798	OW	P	
UTE 1-31A2	31	010S	020W	4301330401	1925	14-20-H62-1801	OW	P	

UTE 1-25A3	25	010S	030W	4301330370	1920	14-20-H62-1802	OW	P	
UTE 2-25A3	25	010S	030W	4301331343	11361	14-20-H62-1802	OW	P	
UTE 1-26A3	26	010S	030W	4301330348	1890	14-20-H62-1803	OW	P	
UTE 2-26A3	26	010S	030W	4301331340	11349	14-20-H62-1803	OW	P	
UTE TRIBAL 4-35A3	35	010S	030W	4301350274	18009	1420H621804	OW	P	C
UTE 2-35A3	35	010S	030W	4301331292	11222	14-20-H62-1804	OW	P	
UTE 3-35A3	35	010S	030W	4301331365	11454	14-20-H62-1804	OW	P	
UTE 1-6B2	06	020S	020W	4301330349	1895	14-20-H62-1807	OW	P	
UTE 2-6B2	06	020S	020W	4301331140	11190	14-20-H62-1807	OW	P	
UTE TRIBAL 3-6B2	06	020S	020W	4301350273	18008	14-20-H62-1807	OW	P	C
POWELL 4-19A1	19	010S	010W	4301330071	8302	14-20-H62-1847	OW	P	
COLTHARP 1-27Z1	27	010N	010W	4301330151	4700	14-20-H62-1933	OW	P	
UTE 1-8A1E	08	010S	010E	4304730173	1846	14-20-H62-2147	OW	P	
UTE TRIBE 1-31	31	010N	020W	4301330278	4755	14-20-H62-2421	OW	P	
UTE 1-28B6X	28	020S	060W	4301330510	11165	14-20-H62-2492	OW	P	
RINKER 2-21B5	21	020S	050W	4301334166	17299	14-20-H62-2508	OW	P	
MURDOCK 2-34B5	34	020S	050W	4301331132	10456	14-20-H62-2511	OW	P	
UTE 1-35B6	35	020S	060W	4301330507	2335	14-20-H62-2531	OW	P	
UTE TRIBAL 1-17A1E	17	010S	010E	4304730829	860	14-20-H62-2658	OW	P	
UTE 2-17A1E	17	010S	010E	4304737831	16709	14-20-H62-2658	OW	P	
UTE TRIBAL 1-27A1E	27	010S	010E	4304730421	800	14-20-H62-2662	OW	P	
UTE TRIBAL 1-35A1E	35	010S	010E	4304730286	795	14-20-H62-2665	OW	P	
UTE TRIBAL 1-15A1E	15	010S	010E	4304730820	850	14-20-H62-2717	OW	P	
UTE TRIBAL P-3B1E	03	020S	010E	4304730190	4536	14-20-H62-2873	OW	P	
UTE TRIBAL 1-22A1E	22	010S	010E	4304730429	810	14-20-H62-3103	OW	P	
B H UTE 1-35C6	35	030S	060W	4301330419	10705	14-20-H62-3436	OW	P	
BH UTE 2-35C6	35	030S	060W	4301332790	15802	14-20-H62-3436	OW	P	
MCFARLANE 1-4D6	04	040S	060W	4301331074	10325	14-20-H62-3452	OW	P	
UTE TRIBAL 1-11D6	11	040S	060W	4301330482	6415	14-20-H62-3454	OW	P	
CARSON 2-36A1	36	010S	010W	4304731407	737	14-20-H62-3806	OW	P	
UTE 2-14C6	14	030S	060W	4301330775	9133	14-20-H62-3809	OW	P	
DWR 3-14C6	14	030S	060W	4301334003	17092	14-20-H62-3809	OW	P	
THE PERFECT "10" 1-10A1	10	010S	010W	4301330935	9461	14-20-H62-3855	OW	P	
BADGER-SAM H U MONGUS 1-15A1	15	010S	010W	4301330949	9462	14-20-H62-3860	OW	P	
MAXIMILLIAN-UTE 14-1	14	010S	030W	4301330726	8437	14-20-H62-3868	OW	P	
FRED BASSETT 1-22A1	22	010S	010W	4301330781	9460	14-20-H62-3880	OW	P	
UTE TRIBAL 1-30Z1	30	010N	010W	4301330813	9405	14-20-H62-3910	OW	P	
UTE LB 1-13A3	13	010S	030W	4301330894	9402	14-20-H62-3980	OW	P	
UTE 2-22B6	22	020S	060W	4301331444	11641	14-20-H62-4614	OW	P	
UINTA OURAY 1-1A3	01	010S	030W	4301330132	5540	14-20-H62-4664	OW	P	
UTE 1-6D6	06	040S	060W	4301331696	12058	14-20-H62-4752	OW	P	
UTE 2-11D6	11	040S	060W	4301350179	17667	1420H624801	OW	P	
UTE 1-15D6	15	040S	060W	4301330429	10958	14-20-H62-4824	OW	P	
UTE 2-15D6	15	040S	060W	4301334026	17193	14-20-H62-4824	OW	P	
HILL 3-24C6	24	030S	060W	4301350293	18020	1420H624866	OW	P	C
BARCLAY UTE 2-24C6R	24	030S	060W	4301333730	16385	14-20-H62-4866	OW	P	
BROTHERSON 1-2B4	02	020S	040W	4301330062	1570	FEE	OW	P	
BOREN 1-24A2	24	010S	020W	4301330084	5740	FEE	OW	P	
FARNSWORTH 1-13B5	13	020S	050W	4301330092	1610	FEE	OW	P	
BROADHEAD 1-21B6	21	020S	060W	4301330100	1595	FEE	OW	P	
ASAY E J 1-20A1	20	010S	010W	4301330102	8304	FEE	OW	P	
HANSON TRUST 1-5B3	05	020S	030W	4301330109	1635	FEE	OW	P	
ELLSWORTH 1-8B4	08	020S	040W	4301330112	1655	FEE	OW	P	
ELLSWORTH 1-9B4	09	020S	040W	4301330118	1660	FEE	OW	P	
ELLSWORTH 1-17B4	17	020S	040W	4301330126	1695	FEE	OW	P	
CHANDLER 1-5B4	05	020S	040W	4301330140	1685	FEE	OW	P	
HANSON 1-32A3	32	010S	030W	4301330141	1640	FEE	OW	P	
JESSEN 1-17A4	17	010S	040W	4301330173	4725	FEE	OW	P	

JENKINS 1-1B3	01	020S	030W	4301330175	1790	FEE	OW	P	
GOODRICH 1-2B3	02	020S	030W	4301330182	1765	FEE	OW	P	
ELLSWORTH 1-19B4	19	020S	040W	4301330183	1760	FEE	OW	P	
DOYLE 1-10B3	10	020S	030W	4301330187	1810	FEE	OW	P	
JOS. SMITH 1-17C5	17	030S	050W	4301330188	5510	FEE	OW	P	
RUDY 1-11B3	11	020S	030W	4301330204	1820	FEE	OW	P	
CROOK 1-6B4	06	020S	040W	4301330213	1825	FEE	OW	P	
HUNT 1-21B4	21	020S	040W	4301330214	1840	FEE	OW	P	
LAWRENCE 1-30B4	30	020S	040W	4301330220	1845	FEE	OW	P	
YOUNG 1-29B4	29	020S	040W	4301330246	1791	FEE	OW	P	
GRIFFITHS 1-33B4	33	020S	040W	4301330288	4760	FEE	OW	P	
POTTER 1-2B5	02	020S	050W	4301330293	1826	FEE	OW	P	
BROTHERSON 1-26B4	26	020S	040W	4301330336	1856	FEE	OW	P	
SADIE BLANK 1-33Z1	33	010N	010W	4301330355	765	FEE	OW	P	
POTTER 1-24B5	24	020S	050W	4301330356	1730	FEE	OW	P	
WHITEHEAD 1-22A3	22	010S	030W	4301330357	1885	FEE	OW	P	
CHASEL MILLER 2-1A2	01	010S	020W	4301330360	5830	FEE	OW	P	
ELDER 1-13B2	13	020S	020W	4301330366	1905	FEE	OW	P	
BROTHERSON 2-10B4	10	020S	040W	4301330443	1615	FEE	OW	P	
FARNSWORTH 2-7B4	07	020S	040W	4301330470	1935	FEE	OW	P	
TEW 1-15A3	15	010S	030W	4301330529	1945	FEE	OW	P	
UTE FEE 2-20C5	20	030S	050W	4301330550	4527	FEE	OW	P	
HOUSTON 1-34Z1	34	010N	010W	4301330566	885	FEE	OW	P	
GALLOWAY 1-18B1	18	020S	010W	4301330575	2365	FEE	OW	P	
SMITH 1-31B5	31	020S	050W	4301330577	1955	FEE	OW	P	
LEBEAU 1-34A1	34	010S	010W	4301330590	1440	FEE	OW	P	
LINMAR 1-19B2	19	020S	020W	4301330600	9350	FEE	OW	P	
WISSE 1-28Z1	28	010N	010W	4301330609	905	FEE	OW	P	
POWELL 1-21B1	21	020S	010W	4301330621	910	FEE	OW	P	
HANSEN 1-24B3	24	020S	030W	4301330629	2390	FEE	OW	P	
OMAN 2-4B4	04	020S	040W	4301330645	9125	FEE	OW	P	
DYE 1-25Z2	25	010N	020W	4301330659	9111	FEE	OW	P	
H MARTIN 1-21Z1	21	010N	010W	4301330707	925	FEE	OW	P	
JENSEN 1-29Z1	29	010N	010W	4301330725	9110	FEE	OW	P	
CHASEL 2-17A1 V	17	010S	010W	4301330732	9112	FEE	OW	P	
BIRCHELL 1-27A1	27	010S	010W	4301330758	940	FEE	OW	P	
CHRISTENSEN 2-8B3	08	020S	030W	4301330780	9355	FEE	OW	P	
LAMICQ 2-5B2	05	020S	020W	4301330784	2302	FEE	OW	P	
BROTHERSON 2-14B4	14	020S	040W	4301330815	10450	FEE	OW	P	
MURRAY 3-2A2	02	010S	020W	4301330816	9620	FEE	OW	P	
HORROCKS 2-20A1 V	20	010S	010W	4301330833	8301	FEE	OW	P	
BROTHERSON 2-2B4	02	020S	040W	4301330855	8420	FEE	OW	P	
ELLSWORTH 2-8B4	08	020S	040W	4301330898	2418	FEE	OW	P	
OMAN 2-32A4	32	010S	040W	4301330904	10045	FEE	OW	P	
BELCHER 2-33B4	33	020S	040W	4301330907	9865	FEE	OW	P	
BROTHERSON 2-35B5	35	020S	050W	4301330908	9404	FEE	OW	P	
HORROCKS 2-4A1 T	04	010S	010W	4301330954	9855	FEE	OW	P	
JENSEN 2-29A5	29	010S	050W	4301330974	10040	FEE	OW	P	
UTE 2-34A4	34	010S	040W	4301330978	10070	FEE	OW	P	
CHANDLER 2-5B4	05	020S	040W	4301331000	10075	FEE	OW	P	
BABCOCK 2-12B4	12	020S	040W	4301331005	10215	FEE	OW	P	
BADGER MR BOOM BOOM 2-29A1	29	010S	010W	4301331013	9463	FEE	OW	P	
BLEAZARD 2-18B4	18	020S	040W	4301331025	1566	FEE	OW	P	
BROADHEAD 2-32B5	32	020S	050W	4301331036	10216	FEE	OW	P	
ELLSWORTH 2-16B4	16	020S	040W	4301331046	10217	FEE	OW	P	
RUST 3-4B3	04	020S	030W	4301331070	1576	FEE	OW	P	
HANSON TRUST 2-32A3	32	010S	030W	4301331072	1641	FEE	OW	P	
BROTHERSON 2-11B4	11	020S	040W	4301331078	1541	FEE	OW	P	

HANSON TRUST 2-5B3	05	020S	030W	4301331079	1636	FEE	OW	P	
BROTHERSON 2-15B4	15	020S	040W	4301331103	1771	FEE	OW	P	
MONSEN 2-27A3	27	010S	030W	4301331104	1746	FEE	OW	P	
ELLSWORTH 2-19B4	19	020S	040W	4301331105	1761	FEE	OW	P	
HUNT 2-21B4	21	020S	040W	4301331114	1839	FEE	OW	P	
JENKINS 2-1B3	01	020S	030W	4301331117	1792	FEE	OW	P	
POTTER 2-24B5	24	020S	050W	4301331118	1731	FEE	OW	P	
POWELL 2-13A2 K	13	010S	020W	4301331120	8306	FEE	OW	P	
JENKINS 2-12B3	12	020S	030W	4301331121	10459	FEE	OW	P	
MURDOCK 2-26B5	26	020S	050W	4301331124	1531	FEE	OW	P	
BIRCH 3-27B5	27	020S	050W	4301331126	1783	FEE	OW	P	
ROBB 2-29B5	29	020S	050W	4301331130	10454	FEE	OW	P	
LAKE FORK 2-13B4	13	020S	040W	4301331134	10452	FEE	OW	P	
DUNCAN 3-1A2 K	01	010S	020W	4301331135	10484	FEE	OW	P	
HANSON 2-9B3	09	020S	030W	4301331136	10455	FEE	OW	P	
ELLSWORTH 2-9B4	09	020S	040W	4301331138	10460	FEE	OW	P	
UTE 2-31A2	31	010S	020W	4301331139	10458	FEE	OW	P	
POWELL 2-19A1 K	19	010S	010W	4301331149	8303	FEE	OW	P	
CEDAR RIM 8-A	22	030S	060W	4301331171	10666	FEE	OW	P	
POTTER 2-6B4	06	020S	040W	4301331249	11038	FEE	OW	P	
MILES 2-1B5	01	020S	050W	4301331257	11062	FEE	OW	P	
MILES 2-3B3	03	020S	030W	4301331261	11102	FEE	OW	P	
MONSEN 2-22A3	22	010S	030W	4301331265	11098	FEE	OW	P	
WRIGHT 2-13B5	13	020S	050W	4301331267	11115	FEE	OW	P	
TODD 2-21A3	21	010S	030W	4301331296	11268	FEE	OW	P	
WEIKART 2-29B4	29	020S	040W	4301331298	11332	FEE	OW	P	
YOUNG 2-15A3	15	010S	030W	4301331301	11344	FEE	OW	P	
CHRISTENSEN 2-29A4	29	010S	040W	4301331303	11235	FEE	OW	P	
BLEAZARD 2-28B4	28	020S	040W	4301331304	11433	FEE	OW	P	
REARY 2-17A3	17	010S	030W	4301331318	11251	FEE	OW	P	
LAZY K 2-11B3	11	020S	030W	4301331352	11362	FEE	OW	P	
LAZY K 2-14B3	14	020S	030W	4301331354	11452	FEE	OW	P	
MATTHEWS 2-13B2	13	020S	020W	4301331357	11374	FEE	OW	P	
LAKE FORK 3-15B4	15	020S	040W	4301331358	11378	FEE	OW	P	
STEVENSON 3-29A3	29	010S	030W	4301331376	11442	FEE	OW	P	
MEEKS 3-8B3	08	020S	030W	4301331377	11489	FEE	OW	P	
ELLSWORTH 3-20B4	20	020S	040W	4301331389	11488	FEE	OW	P	
DUNCAN 5-13A2	13	010S	020W	4301331516	11776	FEE	OW	P	
OWL 3-17C5	17	030S	050W	4301332112	12476	FEE	OW	P	
BROTHERSON 2-24 B4	24	020S	040W	4301332695	14652	FEE	OW	P	
BODRERO 2-15B3	15	020S	030W	4301332755	14750	FEE	OW	P	
BROTHERSON 2-25B4	25	020S	040W	4301332791	15044	FEE	OW	P	
CABINLAND 2-16B3	16	020S	030W	4301332914	15236	FEE	OW	P	
KATHERINE 3-29B4	29	020S	040W	4301332923	15331	FEE	OW	P	
SHRINERS 2-10C5	10	030S	050W	4301333008	15908	FEE	OW	P	
BROTHERSON 2-26B4	26	020S	040W	4301333139	17047	FEE	OW	P	
MORTENSEN 4-32A2	32	010S	020W	4301333211	15720	FEE	OW	P	
FERRARINI 3-27B4	27	020S	040W	4301333265	15883	FEE	OW	P	
RHOADES 2-25B5	25	020S	050W	4301333467	16046	FEE	OW	P	
CASE 2-31B4	31	020S	040W	4301333548	16225	FEE	OW	P	
ANDERSON-ROWLEY 2-24B3	24	020S	030W	4301333616	16284	FEE	OW	P	
SPROUSE BOWDEN 2-18B1	18	020S	010W	4301333808	16677	FEE	OW	P	
BROTHERSON 3-11B4	11	020S	040W	4301333904	16891	FEE	OW	P	
KOFFORD 2-36B5	36	020S	050W	4301333988	17048	FEE	OW	P	
ALLEN 3-7B4	07	020S	040W	4301334027	17166	FEE	OW	P	
BOURNAKIS 3-18B4	18	020S	040W	4301334091	17264	FEE	OW	P	
MILES 3-12B5	12	020S	050W	4301334110	17316	FEE	OW	P	
OWL and HAWK 2-31B5	31	020S	050W	4301334123	17388	FEE	OW	P	

OWL and HAWK 4-17C5	17	030S	050W	4301334193	17387	FEE	OW	P	
DWR 3-32B5	32	020S	050W	4301334207	17371	FEE	OW	P	
LAKE FORK RANCH 3-22B4	22	020S	040W	4301334261	17409	FEE	OW	P	
HANSON 3-9B3	09	020S	030W	4301350065	17570	FEE	OW	P	
DYE 2-28A1	28	010S	010W	4301350066	17531	FEE	OW	P	
MEEKS 3-32A4	32	010S	040W	4301350069	17605	FEE	OW	P	
HANSON 4-8B3	08	020S	030W	4301350088	17571	FEE	OW	P	C
LAKE FORK RANCH 3-14B4	14	020S	040W	4301350097	17484	FEE	OW	P	
ALLEN 3-9B4	09	020S	040W	4301350123	17656	FEE	OW	P	
HORROCKS 4-20A1	20	010S	010W	4301350155	17916	FEE	OW	P	
HURLEY 2-33A1	33	010S	010W	4301350166	17573	FEE	OW	P	
HUTCHINS/CHIODO 3-20C5	20	030S	050W	4301350190	17541	FEE	OW	P	
ALLEN 3-8B4	08	020S	040W	4301350192	17622	FEE	OW	P	
OWL and HAWK 3-10C5	10	030S	050W	4301350193	17532	FEE	OW	P	
OWL and HAWK 3-19C5	19	030S	050W	4301350201	17508	FEE	OW	P	
EL PASO 4-29B5	29	020S	050W	4301350208	17934	FEE	OW	P	C
DONIHUE 3-20C6	20	030S	060W	4301350270	17762	FEE	OW	P	
HANSON 3-5B3	05	020S	030W	4301350275	17725	FEE	OW	P	C
SPRATT 3-26B5	26	020S	050W	4301350302	17668	FEE	OW	P	
REBEL 3-35B5	35	020S	050W	4301350388	17911	FEE	OW	P	C
FREEMAN 4-16B4	16	020S	040W	4301350438	17935	Fee	OW	P	C
WILSON 3-36B5	36	020S	050W	4301350439	17936	Fee	OW	P	C
EL PASO 3-21B4	21	020S	040W	4301350474	18123	Fee	OW	P	C
IORG 4-12B3	12	020S	030W	4301350487	17981	Fee	OW	P	C
CONOVER 3-3B3	03	020S	030W	4301350526	18122	Fee	OW	P	C
ROWLEY 3-16B4	16	020S	040W	4301350569	18151	Fee	OW	P	C
POTTS 3-14B3	14	020S	030W	4301350570	18366	Fee	OW	P	C
POTTER 4-27B5	27	020S	050W	4301350571	99999	Fee	OW	P	C
EL PASO 4-21B4	21	020S	040W	4301350572	18152	Fee	OW	P	C
LAKE FORK RANCH 3-26B4	26	020S	040W	4301350707	18270	Fee	OW	P	C
LAKE FORK RANCH 3-25B4	25	020S	040W	4301350711	18220	Fee	OW	P	C
LAKE FORK RANCH 4-23B4	23	020S	040W	4301350713	18271	Fee	OW	P	C
LAKE FORK RANCH 4-15B4	15	020S	040W	4301350715	18314	Fee	OW	P	C
LAKE FORK RANCH 3-24B4	24	020S	040W	4301350716	18269	Fee	OW	P	C
GOLINSKI 1-8C4	08	030S	040W	4301350986	18301	Fee	OW	P	C
J ROBERTSON 1-1B1	01	020S	010W	4304730174	5370	FEE	OW	P	
TIMOTHY 1-8B1E	08	020S	010E	4304730215	1910	FEE	OW	P	
MAGDALENE PAPADOPULOS 1-34A1E	34	010S	010E	4304730241	785	FEE	OW	P	
NELSON 1-31A1E	31	010S	010E	4304730671	830	FEE	OW	P	
ROSEMARY LLOYD 1-24A1E	24	010S	010E	4304730707	840	FEE	OW	P	
H D LANDY 1-30A1E	30	010S	010E	4304730790	845	FEE	OW	P	
WALKER 1-14A1E	14	010S	010E	4304730805	855	FEE	OW	P	
BOLTON 2-29A1E	29	010S	010E	4304731112	900	FEE	OW	P	
PRESCOTT 1-35Z1	35	010N	010W	4304731173	1425	FEE	OW	P	
BISEL GURR 11-1	11	010S	010W	4304731213	8438	FEE	OW	P	
UTE TRIBAL 2-22A1E	22	010S	010E	4304731265	915	FEE	OW	P	
L. BOLTON 1-12A1	12	010S	010W	4304731295	920	FEE	OW	P	
FOWLES 1-26A1	26	010S	010W	4304731296	930	FEE	OW	P	
BRADLEY 23-1	23	010S	010W	4304731297	8435	FEE	OW	P	
BASTIAN 1-2A1	02	010S	010W	4304731373	736	FEE	OW	P	
D R LONG 2-19A1E	19	010S	010E	4304731470	9505	FEE	OW	P	
D MOON 1-23Z1	23	010N	010W	4304731479	10310	FEE	OW	P	
O MOON 2-26Z1	26	010N	010W	4304731480	10135	FEE	OW	P	
LILA D 2-25A1	25	010S	010W	4304731797	10790	FEE	OW	P	
LANDY 2-30A1E	30	010S	010E	4304731895	11127	FEE	OW	P	
WINN P2-3B1E	03	020S	010E	4304732321	11428	FEE	OW	P	
BISEL-GURR 2-11A1	11	010S	010W	4304735410	14428	FEE	OW	P	
FLYING J FEE 2-12A1	12	010S	010W	4304739467	16686	FEE	OW	P	

HARVEST FELLOWSHIP CHURCH 2-14B1	14	020S	010W	4304739591	16546	FEE	OW	P	
OBERHANSLY 3-11A1	11	010S	010W	4304739679	17937	FEE	OW	P	
DUNCAN 2-34A1	34	010S	010W	4304739944	17043	FEE	OW	P	
BISEL GURR 4-11A1	11	010S	010W	4304739961	16791	FEE	OW	P	
KILLIAN 3-12A1	12	010S	010W	4304740226	17761	ML 39760	OW	P	
WAINOCO ST 1-14B1	14	020S	010W	4304730818	1420	ML-24306-A	OW	P	
UTAH ST UTE 1-35A1	35	010S	010W	4304730182	5520	ML-25432	OW	P	
STATE 1-19A4	19	010S	040W	4301330322	9118	ML-27912	OW	P	
FEDERAL 2-28E19E	28	050S	190E	4304732849	12117	UTU-0143512	OW	P	
FEDERAL 1-28E19E	28	050S	190E	4304730175	5680	UTU143512	OW	P	
BLANCHARD 1-3A2	03	010S	020W	4301320316	5877	FEE	OW	PA	
W H BLANCHARD 2-3A2	03	010S	020W	4301330008	5775	FEE	OW	PA	
YACK U 1-7A1	07	010S	010W	4301330018	5795	FEE	OW	PA	
JAMES POWELL 3	13	010S	020W	4301330024	8305	FEE	WD	PA	
BASTIAN 1 (3-7D)	07	010S	010W	4301330026	5800	FEE	OW	PA	
LAMICQ-URRUTY 1-8A2	08	010S	020W	4301330036	5975	FEE	OW	PA	
BLEAZARD 1-18B4	18	020S	040W	4301330059	11262	FEE	OW	PA	
OLSEN 1-27A4	27	010S	040W	4301330064	1565	FEE	OW	PA	
EVANS 1-31A4	31	010S	040W	4301330067	5330	FEE	OW	PA	
HAMBLIN 1-26A2	26	010S	020W	4301330083	2305	FEE	OW	PA	
HARTMAN 1-31A3	31	010S	030W	4301330093	10700	FEE	OW	PA	
FARNSWORTH 1-7B4	07	020S	040W	4301330097	5725	FEE	OW	PA	
POWELL 1-33A3	33	010S	030W	4301330105	4526	FEE	OW	PA	
LOTRIDGE GATES 1-3B3	03	020S	030W	4301330117	1625	FEE	OW	PA	
REMINGTON 1-34A3	34	010S	030W	4301330139	1670	FEE	OW	PA	
ANDERSON 1-28A2	28	010S	020W	4301330150	5895	FEE	OW	PA	
RHOADES MOON 1-35B5	35	020S	050W	4301330155	5270	FEE	OW	PA	
JOHN 1-3B2	03	020S	020W	4301330160	5765	FEE	OW	PA	
SMITH 1-6C5	06	030S	050W	4301330163	5385	FEE	OW	PA	
HORROCKS FEE 1-3A1	03	010S	010W	4301330171	5505	FEE	OW	PA	
WARREN 1-32A4	32	010S	040W	4301330174	9139	FEE	OW	PA	
JENSEN FENZEL 1-20C5	20	030S	050W	4301330177	4730	FEE	OW	PA	
MYRIN RANCH 1-13B4	13	020S	040W	4301330180	4524	FEE	OW	PA	
BROTHERSON 1-27B4	27	020S	040W	4301330185	1775	FEE	OW	PA	
JENSEN 1-31A5	31	010S	050W	4301330186	4735	FEE	OW	PA	
ROBERTSON 1-29A2	29	010S	020W	4301330189	4740	FEE	OW	PA	
WINKLER 1-28A3	28	010S	030W	4301330191	5465	FEE	OW	PA	
CHENEY 1-33A2	33	010S	020W	4301330202	1750	FEE	OW	PA	
J LAMICQ STATE 1-6B1	06	020S	010W	4301330210	5730	FEE	OW	PA	
REESE ESTATE 1-10B2	10	020S	020W	4301330215	5700	FEE	OW	PA	
REEDER 1-17B5	17	020S	050W	4301330218	5460	FEE	OW	PA	
ROBERTSON UTE 1-2B2	02	020S	020W	4301330225	1710	FEE	OW	PA	
HATCH 1-5B1	05	020S	010W	4301330226	5470	FEE	OW	PA	
BROTHERSON 1-22B4	22	020S	040W	4301330227	5935	FEE	OW	PA	
ALLRED 1-16A3	16	010S	030W	4301330232	1780	FEE	OW	PA	
BIRCH 1-35A5	35	010S	050W	4301330233	9116	FEE	OW	PA	
MARQUERITE UTE 1-8B2	08	020S	020W	4301330235	9122	FEE	OW	PA	
BUZZI 1-11B2	11	020S	020W	4301330248	6335	FEE	OW	PA	
SHISLER 1-3B1	03	020S	010W	4301330249	5960	FEE	OW	PA	
TEW 1-1B5	01	020S	050W	4301330264	5580	FEE	OW	PA	
EVANS UTE 1-19B3	19	020S	030W	4301330265	1870	FEE	OW	PA	
SHELL 2-27A4	27	010S	040W	4301330266	1776	FEE	WD	PA	
DYE 1-29A1	29	010S	010W	4301330271	99990	FEE	OW	PA	
VODA UTE 1-4C5	04	030S	050W	4301330283	4530	FEE	OW	PA	
BROTHERSON 1-28A4	28	010S	040W	4301330292	9114	FEE	OW	PA	
MEAGHER 1-4B2	04	020S	020W	4301330313	8402	FEE	OW	PA	
NORLING 1-9B1	09	020S	010W	4301330315	1811	FEE	OW	PA	
S. BROADHEAD 1-9C5	09	030S	050W	4301330316	5940	FEE	OW	PA	

TIMOTHY 1-09A3	09	010S	030W	4301330321	10883	FEE	OW	PA	
BARRETT 1-34A5	34	010S	050W	4301330323	9115	FEE	OW	PA	
MEAGHER TRIBAL 1-9B2	09	020S	020W	4301330325	9121	FEE	OW	PA	
PHILLIPS UTE 1-3C5	03	030S	050W	4301330333	1816	FEE	OW	PA	
ELLSWORTH 1-20B4	20	020S	040W	4301330351	6375	FEE	OW	PA	
LAWSON 1-28A1	28	010S	010W	4301330358	5915	FEE	OW	PA	
AMES 1-23A4	23	010S	040W	4301330375	1901	FEE	OW	PA	
HORROCKS 1-6A1	06	010S	010W	4301330390	5675	FEE	OW	PA	
SHRINE HOSPITAL 1-10C5	10	030S	050W	4301330393	5565	FEE	OW	PA	
GOODRICH 1-18B2	18	020S	020W	4301330397	5485	FEE	OW	PA	
SWD POWELL 3	13	010S	020W	4301330478	10708	FEE	WD	PA	
BODRERO 1-15B3	15	020S	030W	4301330565	4534	FEE	OW	PA	
MOON TRIBAL 1-30C4	30	030S	040W	4301330576	2360	FEE	OW	PA	
DUNCAN 2-9B5	09	020S	050W	4301330719	5440	FEE	OW	PA	
FISHER 1-16A4	16	010S	040W	4301330737	2410	FEE	OW	PA	
URRUTY 2-34A2	34	010S	020W	4301330753	9117	FEE	OW	PA	
GOODRICH 1-24A4	24	010S	040W	4301330760	2415	FEE	OW	PA	
CARL SMITH 2-25A4	25	010S	040W	4301330776	9136	FEE	OW	PA	
ANDERSON 1-A30B1	30	020S	010W	4301330783	9137	FEE	OW	PA	
CADILLAC 3-6A1	06	010S	010W	4301330834	6316	FEE	OW	PA	
MCELPRANG 2-31A1	31	010S	010W	4301330836	8439	FEE	OW	PA	
REESE ESTATE 2-10B2	10	020S	020W	4301330837	2417	FEE	OW	PA	
CLARK 2-9A3	09	010S	030W	4301330876	2416	FEE	OW	PA	
JENKINS 3-16A3	16	010S	030W	4301330877	9790	FEE	OW	PA	
CHRISTENSEN 2-26A5	26	010S	050W	4301330905	10710	FEE	OW	PA	
FORD 2-36A5	36	010S	050W	4301330911	9630	FEE	OW	PA	
MORTENSEN 2-32A2	32	010S	020W	4301330929	9486	FEE	OW	PA	
WILKERSON 1-20Z1	20	010N	010W	4301330942	5452	FEE	OW	PA	
UTE TRIBAL 2-4A3 S	04	010S	030W	4301330950	10230	FEE	OW	PA	
OBERHANSLY 2-31Z1	31	010N	010W	4301330970	9262	FEE	OW	PA	
MORRIS 2-7A3	07	010S	030W	4301330977	9725	FEE	OW	PA	
POWELL 2-08A3	08	010S	030W	4301330979	10175	FEE	OW	PA	
FISHER 2-6A3	06	010S	030W	4301330984	10110	FEE	OW	PA	
JACOBSEN 2-12A4	12	010S	040W	4301330985	10480	FEE	OW	PA	
CHENEY 2-33A2	33	010S	020W	4301331042	10313	FEE	OW	PA	
HANSON TRUST 2-29A3	29	010S	030W	4301331043	5306	FEE	OW	PA	
BURTON 2-15B5	15	020S	050W	4301331044	10205	FEE	OW	PA	
EVANS-UTE 2-17B3	17	020S	030W	4301331056	10210	FEE	OW	PA	
ELLSWORTH 2-20B4	20	020S	040W	4301331090	5336	FEE	OW	PA	
REMINGTON 2-34A3	34	010S	030W	4301331091	1902	FEE	OW	PA	
WINKLER 2-28A3	28	010S	030W	4301331109	4519	FEE	OW	PA	
TEW 2-10B5	10	020S	050W	4301331125	1751	FEE	OW	PA	
LINDSAY 2-33A4	33	010S	040W	4301331141	1756	FEE	OW	PA	
FIELDSTED 2-28A4	28	010S	040W	4301331293	10665	FEE	OW	PA	
POWELL 4-13A2	13	010S	020W	4301331336	11177	FEE	GW	PA	
DUMP 2-20A3	20	010S	030W	4301331505	11691	FEE	OW	PA	
SMITH 2X-23C7	23	030S	070W	4301331634	12382	FEE	D	PA	
MORTENSEN 3-32A2	32	010S	020W	4301331872	11928	FEE	OW	PA	
TODD USA ST 1-2B1	02	020S	010W	4304730167	99998	FEE	OW	PA	
STATE 1-7B1E	07	020S	010E	4304730180	5555	FEE	OW	PA	
BACON 1-10B1E	10	020S	010E	4304730881	5550	FEE	OW	PA	
PARIETTE DRAW 28-44	28	040S	010E	4304731408	4537	FEE	OW	PA	
REYNOLDS 2-7B1E	07	020S	010E	4304731840	4960	FEE	OW	PA	
STATE 2-35A2	35	010S	020W	4301330156	4715	ML-22874	OW	PA	
UTAH STATE L B 1-11B1	11	020S	010W	4304730171	5530	ML-23655	OW	PA	
STATE 1-8A3	08	010S	030W	4301330286	5655	ML-24316	OW	PA	
UTAH FEDERAL 1-24B1	24	020S	010W	4304730220	590	ML-26079	OW	PA	
CEDAR RIM 15	34	030S	060W	4301330383	6395	14-20-462-1329	OW	S	

UTE TRIBAL 2-24C7	24	030S	070W	4301331028	10240	14-20-H62-1135	OW	S	
CEDAR RIM 12	28	030S	060W	4301330344	6370	14-20-H62-1323	OW	S	
CEDAR RIM 16	33	030S	060W	4301330363	6390	14-20-H62-1328	OW	S	
SPRING HOLLOW 2-34Z3	34	010N	030W	4301330234	5255	14-20-H62-1480	OW	S	
EVANS UTE 1-17B3	17	020S	030W	4301330274	5335	14-20-H62-1733	OW	S	
UTE JENKS 2-1-B4 G	01	020S	040W	4301331197	10844	14-20-H62-1782	OW	S	
UTE 3-12B3	12	020S	030W	4301331379	11490	14-20-H62-1810	OW	S	
UTE TRIBAL 9-4B1	04	020S	010W	4301330194	5715	14-20-H62-1969	OW	S	
UTE TRIBAL 2-21B6	21	020S	060W	4301331424	11615	14-20-H62-2489	OW	S	
UTE 1-33B6	33	020S	060W	4301330441	1230	14-20-H62-2493	OW	S	
UTE 2-22B5	22	020S	050W	4301331122	10453	14-20-H62-2509	OW	S	
UTE 1-18B1E	18	020S	010E	4304730969	9135	14-20-H62-2864	OW	S	
LAUREN UTE 1-23A3	23	010S	030W	4301330895	9403	14-20-H62-3981	OW	S	
UTE 2-28B6	28	020S	060W	4301331434	11624	14-20-H62-4622	OW	S	
UTE 1-27B6X	27	020S	060W	4301330517	11166	14-20-H62-4631	OW	S	
UTE 2-27B6	27	020S	060W	4301331449	11660	14-20-H62-4631	OW	S	
CEDAR RIM 10-15C6	15	030S	060W	4301330328	6365	14-20-H62-4724	OW	S	
UTE 5-30A2	30	010S	020W	4301330169	5910	14-20-H62-4863	OW	S	
UTE TRIBAL G-1 (1-24C6)	24	030S	060W	4301330298	4533	14-20-H62-4866	OW	S	
UTE TRIBAL FEDERAL 1-30C5	30	030S	050W	4301330475	665	14-20-H62-4876	OW	S	
SMB 1-10A2	10	010S	020W	4301330012	5865	FEE	OW	S	
KENDALL 1-12A2	12	010S	020W	4301330013	5875	FEE	OW	S	
CEDAR RIM 2	20	030S	060W	4301330019	6315	FEE	OW	S	
URRUTY 2-9A2	09	010S	020W	4301330046	5855	FEE	OW	S	
BROTHERSON 1-14B4	14	020S	040W	4301330051	1535	FEE	OW	S	
RUST 1-4B3	04	020S	030W	4301330063	1575	FEE	OW	S	
MONSEN 1-21A3	21	010S	030W	4301330082	1590	FEE	OW	S	
BROTHERSON 1-10B4	10	020S	040W	4301330110	1614	FEE	OW	S	
FARNSWORTH 1-12B5	12	020S	050W	4301330124	1645	FEE	OW	S	
ELLSWORTH 1-16B4	16	020S	040W	4301330192	1735	FEE	OW	S	
MARSHALL 1-20A3	20	010S	030W	4301330193	9340	FEE	OW	S	
CHRISTMAN BLAND 1-31B4	31	020S	040W	4301330198	4745	FEE	OW	S	
ROPER 1-14B3	14	020S	030W	4301330217	1850	FEE	OW	S	
BROTHERSON 1-24B4	24	020S	040W	4301330229	1865	FEE	OW	S	
BROTHERSON 1-33A4	33	010S	040W	4301330272	1680	FEE	OW	S	
BROTHERSON 1-23B4	23	020S	040W	4301330483	8423	FEE	OW	S	
SMITH ALBERT 2-8C5	08	030S	050W	4301330543	5495	FEE	OW	S	
VODA JOSEPHINE 2-19C5	19	030S	050W	4301330553	5650	FEE	OW	S	
HANSEN 1-16B3	16	020S	030W	4301330617	9124	FEE	OW	S	
BROTHERSON 1-25B4	25	020S	040W	4301330668	9126	FEE	OW	S	
POWELL 2-33A3	33	010S	030W	4301330704	2400	FEE	OW	S	
BROWN 2-28B5	28	020S	050W	4301330718	9131	FEE	OW	S	
EULA-UTE 1-16A1	16	010S	010W	4301330782	8443	FEE	OW	S	
JESSEN 1-15A4	15	010S	040W	4301330817	9345	FEE	OW	S	
R HOUSTON 1-22Z1	22	010N	010W	4301330884	936	FEE	OW	S	
FIELDSTED 2-27A4	27	010S	040W	4301330915	9632	FEE	OW	S	
HANSKUTT 2-23B5	23	020S	050W	4301330917	9600	FEE	OW	S	
TIMOTHY 3-18A3	18	010S	030W	4301330940	9633	FEE	OW	S	
BROTHERSON 2-3B4	03	020S	040W	4301331008	10165	FEE	OW	S	
BROTHERSON 2-22B4	22	020S	040W	4301331086	1782	FEE	OW	S	
MILES 2-35A4	35	010S	040W	4301331087	1966	FEE	OW	S	
ELLSWORTH 2-17B4	17	020S	040W	4301331089	1696	FEE	OW	S	
RUST 2-36A4	36	010S	040W	4301331092	1577	FEE	OW	S	
EVANS 2-19B3	19	020S	030W	4301331113	1777	FEE	OW	S	
FARNSWORTH 2-12B5	12	020S	050W	4301331115	1646	FEE	OW	S	
CHRISTENSEN 3-4B4	04	020S	040W	4301331142	10481	FEE	OW	S	
ROBERTSON 2-29A2	29	010S	020W	4301331150	10679	FEE	OW	S	
CEDAR RIM 2A	20	030S	060W	4301331172	10671	FEE	OW	S	

HARTMAN 2-31A3	31	010S	030W	4301331243	11026	FEE	OW	S	
GOODRICH 2-2B3	02	020S	030W	4301331246	11037	FEE	OW	S	
JESSEN 2-21A4	21	010S	040W	4301331256	11061	FEE	OW	S	
BROTHERSON 3-23B4	23	020S	040W	4301331289	11141	FEE	OW	S	
MYRIN RANCH 2-18B3	18	020S	030W	4301331297	11475	FEE	OW	S	
BROTHERSON 2-2B5	02	020S	050W	4301331302	11342	FEE	OW	S	
DASTRUP 2-30A3	30	010S	030W	4301331320	11253	FEE	OW	S	
YOUNG 2-30B4	30	020S	040W	4301331366	11453	FEE	OW	S	
IORG 2-10B3	10	020S	030W	4301331388	11482	FEE	OW	S	
MONSEN 3-27A3	27	010S	030W	4301331401	11686	FEE	OW	S	
HORROCKS 2-5B1E	05	020S	010E	4304732409	11481	FEE	OW	S	
LARSEN 1-25A1	25	010S	010W	4304730552	815	FEE	OW	TA	
DRY GULCH 1-36A1	36	010S	010W	4304730569	820	FEE	OW	TA	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: DUNCAN 2-34A1

2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.

9. API NUMBER: 43047399440000

3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002 **PHONE NUMBER:** 713 997-5138 Ext

9. FIELD and POOL or WILDCAT: BLUEBELL

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1530 FSL 0660 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 34 Township: 01.0S Range: 01.0W Meridian: U

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 6/28/2016	✓ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see attached procedure along with current and proposed WBD's.

Approved by the
Utah Division of
Oil, Gas and Mining
June 29, 2016
Date:
By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Linda Renken	713 997-5138	Sr. Regulatory Analyst
SIGNATURE N/A		**DATE** 6/28/2016

RECEIVED: Jun. 28, 2016

Duncan 2-34A1, 6-15-16
Acid Re-Stim Procedure Summary

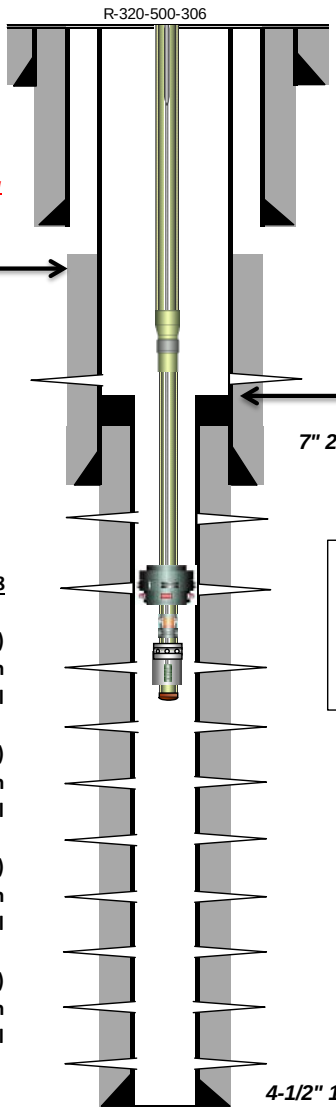
- POOH w/ tbg, rods & pump
- Acidize existing perfs (10,453'-13,180') w/ 127,500gal 15% HCl through workstring.
- RIH w/ tbg, pump & rods
- Clean location and resume production

RECEIVED: Jun. 28, 2016

EP ENERGY

Current Wellbore Schematic

Well Name:	Duncan 2-34A1	Last Updated:	5/31/2016
Company Name:	EP Energy	By:	Kerr
Field, County, State:	Altamont, Uintah, Utah	TD:	13,404
Surface Location:		API:	
Producing Zone(s):	Wasatch	AFE:	



13-3/8" 54.5# J-55 @ 622'

~319 Jts 2 7/8" 6.5# N-80 8rd Tubing

9-5/8" 40# N-80 @ 4,902'

Estimated TOC at: 6075 ft MD

2-7/8" x 2-3/8" Crossover @ 10,145'
27 jts 2-3/8" 4.7# N-80 8rd Tubing

Top of Liner at: 10,244 ft MD

7" 29# HCP-110 LTC @ 10508'

Rod Detail @ SPM
1-1/2" x 36' Polished Rod
99 (2,475') - 1" EL Rods SLK
122 (3,050') - 7/8" EL Rods
10 W/G, 48 SLK, 15 W/G, 46 SLK, 3 W/G
203 (5,075') - 3/4" EL Rods
203-173 W/G, 30 W/SHG
12 (300') - 1-1/2" K-Bar
2" x 1-1/2" x 36' RHBC Insert Pump

2-3/8" Seating Nipple @ 11,002'
4' 2-3/8" N-80 Tubing Sub
2-3/8" Desander (#2)
2 jts 2-3/8" Mud Anchor
4 1/2" SLIM HOLE TIC TAC @ 11,092'
2-3/8" Bull Plug
EOT @ 11,093'

Original Completion – 11/5/2008

Stg 4: 9803'-10453' (95'/285 holes)
G Pad, 13090# 100 mesh
278,746#20/40 Sinterlite in X-link gel

Stg 3: 10548'-11514' (50'/150 holes)
G Pad, 12524# 100 mesh
200577# 20/40 Sinterlite in X-link gel

Stg 2: 11565'-12499' (78'/234 holes)
G Pad, 10031# 100 mesh
150718# 20/40 Sinterlite in X-link gel

Stg 1: 12531'-13289' (75'/225 holes)
30000G Pad, 10021# 100 mesh
146981# 20/40 Sinterlite in X-link gel

4-1/2" 15.1# P-110 @ 10,244'-13,404

RECEIVED: Jun. 28, 2016

EP ENERGY

Proposed Wellbore Schematic

Well Name:	Duncan 2-34A1	Last Updated:	6/14/2016
Company Name:	EP Energy	By:	Kerr
Field, County, State:	Altamont, Uintah, Utah	TD:	13,404
Surface Location:		API:	
Producing Zone(s):	Wasatch	AFE:	

~319 Jts 2 7/8" 6.5# N-80 8rd Tubing

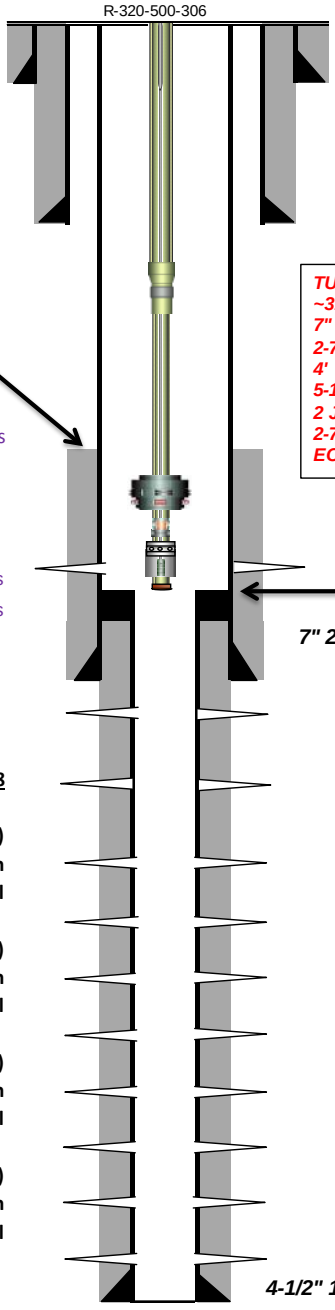
Rod Detail @ 4.3 SPM
1-1/2" x 40' Polished Rod
~116 (2,900') - 1" EL Rods SLK
139 (3,475') - 7/8" EL Rods
100 (2,500') - 3/4" EL Rods
50 (1250') - 1" EL Rods
2-1/2" x 1-3/4" x 38' Insert Pump

Estimated TOC at: 6075 ft MD

10 Stage Acid Re-Stimulation June '16
STG 10, 10333'- 10453', 12000 gal 15% HCl, 45 holes
STG 9, 10735'- 10930', 19000 gal 15% HCl, 42 holes
STG 8, 10983'- 11174', 19000 gal 15% HCl, 39 holes
STG 7, 11395'- 11514', 10000 gal 15% HCl, 21 holes
STG 6, 11991'- 12026', 5000 gal 15% HCl, 24 holes
STG 5, 12098'- 12225', 12500 gal 15% HCl, 24 holes
STG 4, 12423'- 12499', 12500 gal 15% HCl, 42 holes
STG 3, 12681'- 12726', 7500 gal 15% HCl, 18 holes
STG 2, 12890'- 13022', 15000 gal 15% HCl, 54 holes
STG 1, 13030'- 13180', 15000 gal 15% HCl, 57 holes

Original Completion – 11/5/2008

Stg 4: 9803'-10453' (95'/285 holes)
G Pad, 13090# 100 mesh
278,746#20/40 Sinterlite in X-link gel
7,276 gal 15% HCl
Stg 3: 10548'-11514' (50'/150 holes)
G Pad, 12524# 100 mesh
200577# 20/40 Sinterlite in X-link gel
7,258 gal 15% HCl
Stg 2: 11565'-12499' (78'/234 holes)
G Pad, 10031# 100 mesh
150718# 20/40 Sinterlite in X-link gel
8,576 gal 15% HCl
Stg 1: 12531'-13289' (75'/225 holes)
30000G Pad, 10021# 100 mesh
146981# 20/40 Sinterlite in X-link gel
6,833 gal 15% HCl



13-3/8" 54.5# J-55 @ 622'

9-5/8" 40# N-80 @ 4,902'

TUBING DETAIL:
~319 JTS 2 7/8" 6.5# N-80 8rd Tubing
7" TAC @ 10,120
2-7/8" Seating Nipple @ 10,125'
4' 2-7/8" N-80 Tubing Sub
5-1/2" x 31' PBGA
2 JTS 2-7/8" N-80 Mud Anchor
2-7/8" Bull Plug
EOT @ 10,223'

Top of Liner at: 10,257 ft MD

7" 29# HCP-110 LTC @ 10508'

4-1/2" 15.1# P-110 @ 10,244'-13,404

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER:
FEE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
DUNCAN 2-34A1

2. NAME OF OPERATOR:
EP ENERGY E&P COMPANY, L.P.

9. API NUMBER:
43047399440000

3. ADDRESS OF OPERATOR:
1001 Louisiana , Houston, TX, 77002

PHONE NUMBER:
713 997-5138 Ext

9. FIELD and POOL or WILDCAT:
BLUEBELL

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
1530 FSL 0660 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SESE Section: 34 Township: 01.0S Range: 01.0W Meridian: U

COUNTY:
UINTAH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☑ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☑ SUBSEQUENT REPORT Date of Work Completion: 7/16/2016	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
Acidized perfs with 120,120 gals of 15% HCL. See attached for details.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
October 19, 2016

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5138	Consultant
SIGNATURE		**DATE**
N/A		10/10/2016

RECEIVED: Oct. 10, 2016

CENTRAL DIVISION

ALTAMONT FIELD
DUNCAN 2-34A1
DUNCAN 2-34A1
WORKOVER LAND

Operation Summary Report

RECEIVED: Oct. 10, 2016

1 General

1.1 Customer Information

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	DUNCAN 2-34A1		
Project	ALTAMONT FIELD	**Site**	DUNCAN 2-34A1
Rig Name/No.	PEAK/2700/	**Event**	WORKOVER LAND
Start date	7/7/2016	**End date**	7/17/2016
Spud Date/Time	7/10/2008	**UWI**	034-001-S 001-W 30
Active datum	KB @5,265.0usft (above Mean Sea Level)		
Afe No./Description	166896/57044 / DUNCAN 2-34A1		

2 Summary

2.1 Operation Summary

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
7/7/2016	6:00	7:30	1.50	MIRU	28		P		TGSM & JSA (POOH W/ PRODUCTION PROCEDURES)
	7:30	16:30	9.00	UNINARTLT	39		P		L/D P ROD, POOH W/ 99 1", 122 7/8", 103 3/4" TO PARTED BOX. MIRU WIRE LINE PERFORATE TUBING AT 8050'
	7:30	7:30	0.00	MIRU	01		P		SLIDE UNIT, SPOT IN RU RIG
	16:30	18:30	2.00	WOR	16		P		C/O TO TBG EQ., ND B FLANGE, TAC WAS SHEARED. RE LAND TUBING W/ PERFORATED SUB, NU AND TEST BOP, RU SCANNERS. SOOH SCANNING 67 JTS 2 7/8". BARRIERS, LAND W/ HANGER, SHUT AND LOCK PIPE RAMS, SHUT CASING VALVES INSTALL BULL PLUGS. INSTALL TIW VALVE W/ BULL PLUG.
7/8/2016	6:00	7:30	1.50	WOR	28		P		TGSM & JSA (PULLING TBG AND RODS)
	7:30	15:30	8.00	WOR	39		P		COOH SCANNING TBG TO RODS, C/O TO RODS, WORK OFF SEAT, POOH LAYING DOWN RODS FOR NEW ROD STAR. CONTINUE SCANNING OUT TUBING. SCANNING TOTALS 2 7/8' 286 YELLOW, 28 BLUE, 5 RED. 2 3/8" TOTALS 26 YELLOW 1 BLUE, LAY DOWN BHA. TECH TAC SLIM HOLE TAC MANDRILL WAS PARTED LEAVING TAC AND BULL PLUG IN HOLE.
	15:30	20:30	5.00	WOR	39		P		RIH W/ 3 5/8" SHOE, TOP SUB, 101 2 3/8" X/O TO 2 7/8", 220 JTS 2 7/8". BARRIERS, LAND W/ HANGER, SHUT AND LOCK PIPE RAMS, SHUT CASING VALVES INSTALL BULL PLUGS. INSTALL TIW VALVE W/ BULL PLUG.
7/9/2016	6:00	7:30	1.50	WOR	28		P		TGSM & JSA (CLEANING OUT PROCEDURES)
	7:30	13:30	6.00	WOR	40		P		TSIP AND CSIP @ 70 PSI, BWD. RIH AND TAG TAC @ 11,115' W/ JT# 248. RU POWER SWIVEL, BREAK CIRCULATION W/ 383 BBLS, WASH OVER TAC, PUSH TO PBTD @ 13,320' W/ 2 7/8" JT# 317.
	13:30	18:30	5.00	WOR	39		P		RD SWIVEL, POOH W/ 317 JTS 2 7/8" X/O, 101JTS 2 3/8" LAY DOWN SHOE, SHUT AND LOCK BLIND RAMS, INSTALL 5K B FLANGE. SHUT CASING VALVES AND INSTALL NIGHT CAPS.
7/10/2016	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (HYDRO TESTING)
	7:30	16:00	8.50	WOR	39		P		BWD, RIH W/ 4 1/2" RBP, RET HEAD, 4' PUP JT, 4 1/2" PACKER, +45 2 3/8" PSN, RU HYDRO TESTOR AND START TESTING TUBING, 1 JT, 4' MARKER SUB, 100 JTS 2 3/8", X/O TO 2 7/8", 312 JTS 2 7/8"

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	16:00	16:00	0.00	WLWORK	18		P		MIRU WIRE LINE RIH W/ GAMMA RAY AND CCL, ADJUST TUBING MEASUREMENTS FOR GAMMA RAY, SET PLUG @ 13,195' SET PACKER AT 13,190' TEST TOOLS. RELEASE AND RE SET PACKER @ 13,010'. SHUT AND LOCK PIPE RAMS, SHUT CASING VALVES INSTALL BULL PLUGS. INSTALL TIW VALVE W/ BULL PLUG.
7/11/2016	6:00	7:30	1.50	STG01	28		P		CT TGSM & JSA (ACID STIMULATION PROCEDURES)
	7:30	9:00	1.50	STG01	18		P		UNLOAD AND STIR ACID, MIRU ACID EQUIPMENT. PRESSURE TEST EQ., FILL CASING W/ 185 BBLS.
	9:00	13:30	4.50	STG01	35		P		SIP @ 261 PSI, LOAD HOLE W/ 38 BBLS, PUMP 6300 GALLONS 15 % HCL, STARTED TO COMMUNICATE, FLUSH TUBING. ISDP @ 1830 PSI, 15 MIN 160 PSI. AVE RATE 3 BPM AVE PRES @ 6903. MAX RATE 8.6 BPM, MAX PRESSURE 7500. FLOW BACK 12 BBLS, RELEASE PACKER POOH AND RE SET @ 12,875'. (DECIDED TO PUMP REMAINING ACID OF STAGE 1 AND STAGE 2 TOGETHER)
	13:30	17:30	4.00	STG02	35		P		FILL TUBING W/ 5 BBLS, AND CASING W/ 15 BBLS, PUMP STAGE 2. 4200 GALLONS 15 % HCL. STARTED TO COMMUNICATE. TALKED W/ ENGINEER DECISSION MADE TO LET CASING BUILD UP TO 2000 PSI PUMP TOTAL OF 23,500 GAL 15% HCL DROP 18 BALLS IN THREE STAGES. ISDP @ 1018 15/ MIN @ 325. FLOW BACK 35 BBLS. RELEASE PACKER, RETRIEVE PLUG. POOH RESET PLUG @ 12,736' AND PACKER @ 12,673'.
	17:30	18:00	0.50	STG03	35		P		ATTEMPT TO PRESSURE TEST, FLUID END ON PUMP CRACKED. SHUT AND LOCK PIPE RAMS, SHUT CASING VALVES INSTALL BULL PLUGS. INSTALL TIW VALVE W/ BULL PLUG.
7/13/2016	6:00	7:30	1.50	STG03	28		P		CREW TRAVEL, TAILGATE SAFETY MEETING (ACID STIMULATION)
	7:30	9:30	2.00	STG03	35		P		TUB SIWP VACUUM, CSG SIWP= 225 PSI, BWD, FILL CSG W/ 286 BBLS KCL, PRESS TEST PUMPS & LINES, EST INJECTION RATE OF 7.4 BPM @ 5300 PSI. ISDP @ 6807 PSI. TREAT STAGE 3 PERFS W/ 7500 GAL 15% HCL DROPPING 22 BIO BALLS FOR DIVERSION IN 1 STAGE. ISDP @ 1627 PSI, 15/ MIN @ 203 PSI. AVE RATE @ 8.2 BPM. MAX RATE @ 8.4 BPM. AVE PRES @ 7186 PSI. MAX PRESSURE @ 7197 PSI. FLUID TO RECOVER IN STAGE 3 272 BBLS. HOOK UP FLOW BACK LINES AND FLOW BACK 25 BBLS. RELEASE PACKER RETRIEVE PLUG.
	9:30	12:00	2.50	STG04	35		P		POOH TROUBLES RESETTING PLUG, PUMP 40 BBLS DOWN TBG, RESET PLUG @ 12,515' AND PACKER @ 12,410'.NU WEATHERFORD TEST PUMPS AND LINES, EST INJ RATE OF 8.5 BPM @ 6800 PSI, ISDP@890 PSI. TREAT STAGE 4 PERFS W/ 12500 GAL OF 15% HCL, DROP 51 BIO BALLS FOR DIVERSION, ISDP @ 2280 PSI. 15 MIN @ 1095 PSI, MAX PSI @7190 PSI MAX RATE @ 8 BPM, AVE PSI @ 7190, AVE RATE @ 8 BPM FLUID TO RECOVER IN STAGE 4 = 451BBLS, NU FLOW LINES FLOW BACK 52 BBLS, RELEASE PKR & RETV RBP
	12:00	15:00	3.00	STG05	35		P		POOH SET RBP @ 12231' PKR @ 12092' NU & TEST PUMP & LINES EST INJ RATE OF 7.9 BBLS @ 6600 PSI W/ ISDP OF 1242 PSI, TREAT STAGE 5 W/ 12500 GAL OF 15% HCL, DROP 30 BIO BALLS FOR DIVERSION, ISDP @ 2000 PSI, 15 MIN @ 0 PSI, MAX PSI 6997, MAX RATE 8.1 BBLS, AVG PSI 4653, AVG RATE 5.6 BBLS, NU FLOW LINE FLOW BACK 25 BBLS RELEASE PKR & RETV RBP

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2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	15:00	15:00	0.00	STG06	35		P		POOH SET RBP @12044 PKR @11984' NU TEST PUMP & LINES EST INJ RATE OF 7.8 BBLS @ 6200 PSI W/ISDP OF 1028 PSI, TREAT STAGE 6 W/ 5000 GAL OF 15% HCL, DROP 29 BIO BALLS FOR DIVERSION, ISDP@ 1650 PSI, 15 MIN @ 0 PSI, MAX PSI 7292 PSI, @ 8.0 BPM, AVG PSI 4545 @ 5.5 BPM, NU FLOW LINE FLOW BACK 25 BBLS RELEASE PKR & RETV RBP PULL OUT OF LINER W/ PKR AND RBP. SHUT IN AND LOCK BOPS INSTALL TIW VALVE W/ BULL PLG SDFN
7/14/2016	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (PULLING AND RUNNING TUBING)
	7:30	10:00	2.50	WOR	39		P		POOH AND REPLACE PLUG AND PACKER.
	10:00	12:30	2.50	STG07	39		P		RIH W/ 4 1/2" RBP, RET HEAD, 4' PUP JT, 4 1/2" PACKER, +45 2 3/8" PSN, 1 JT, 4' MARKER SUB, 100 JTS 2 3/8", X/O TO 2 7/8", 261 JTS 2 7/8" SET PLUG @ 11,529' POOH AND SET PACKER @ 11,365'.
	12:30	17:30	5.00	STG07	35		P		NU & TEST PUMP & LINES EST INJ RATE OF 5.3 BBLS @ 7152 PSI W/ ISDP OF 2857 PSI, TREAT STAGE 7 W/ 10,000 GAL OF 15% HCL, DROP 24 BIO BALLS FOR DIVERSION, ISDP @ 5439 PSI, 15 MIN @ 5100 PSI, MAX PSI 7139, MAX RATE 5.3 BBLS, AVG PSI 6985, AVG RATE 4.6 BBLS, NU FLOW LINE FLOW BACK 35 BBLS RELEASE PKR & RETV RBP. SET PLUG @ 11,194 AND PACKER @ 10,972'. SHUT AND LOCK PIPE RAMS, SHUT CASING VALVES INSTALL BULL PLUGS. INSTALL TIW VALVE W/ BULL PLUG.
7/15/2016	6:00	7:30	1.50	STG08	28		P		CT TGSM & JSA (ACIDIZING PROCEDURES)
	7:30	11:00	3.50	STG08	35		P		NU & TEST PUMP & LINES PUMP 55 GAL M 80 172, 2 BBL SPACER 55 GAL P-3225 EST INJ RATE OF 5.5 BBLS @ 5180 PSI W/ ISDP OF 2857 PSI, TREAT STAGE 8 W/ 10,000 GAL OF 15% HCL, DROP 48 BIO BALLS FOR DIVERSION, 30 GAL MX-826-2 FLUSH 10 OVER TUBING VOLUME. ISDP @ 5439 PSI, 5 MIN @ 68 PSI, MAX PSI 7007, MAX RATE 5.4 BBLS, AVG PSI 2841, AVG RATE 2.5 BBLS, NU FLOW LINE FLOW BACK 18 BBLS RELEASE PKR & LEAVE RBP. RE SET PACKER @ 10,715'. 323 BBLS TO RECOVER. (STARTED COMMUNICATING EARLY IN JOB ENGINEERING DECIDED TO CUT STAGE AND PUMP A STAGE 11 LATER WITH EXCESS ACID.)
	11:00	14:30	3.50	STG09	35		P		NU & TEST PUMP & LINES PUMP 55 GAL M 80 172, 2 BBL SPACER 55 GAL P-3225 EST INJ RATE OF 4.5 BBLS @ 3900 PSI W/ ISDP OF 1300 PSI, TREAT STAGE 9 W/ 10,000 GAL OF 15% HCL, DROP 66 BIO BALLS FOR DIVERSION, 30 GAL MX-826-2 FLUSH 10 OVER TUBING VOLUME. ISDP @ 2023 PSI, 5 MIN @ 85 PSI, MAX PSI 5773, MAX RATE 5.5 BBLS, AVG PSI 2925, AVG RATE 2.3 BBLS, NU FLOW LINE FLOW BACK 22 BBLS RELEASE PKR & RETRIEVE RBP. SET PLUG @ 10,473' & PACKER @ 10,331'. 334 BBLS TO RECOVER. (STARTED COMMUNICATING EARLY IN JOB ENGINEERING DECIDED TO CUT STAGE AND PUMP A STAGE 11 LATER WITH EXCESS ACID.)
	14:30	14:30	0.00	STG10	35		P		NU & TEST PUMP & LINES PUMP 55 GAL M 80 172, 2 BBL SPACER 55 GAL P-3225 EST INJ RATE OF 5.5 BBLS @ 3665 PSI W/ ISDP OF 1008 PSI, TREAT STAGE 10 W/ 9,000 GAL OF 15% HCL, DROP 54 BIO BALLS FOR DIVERSION, 30 GAL MX-826-2 FLUSH 10 OVER TUBING VOLUME. ISDP @ 2180 PSI, 5 MIN @ 85 PSI, MAX PSI 4329, MAX RATE 5.5 BBLS, AVG PSI 2561, AVG RATE 2.2 BBLS, NU FLOW LINE FLOW BACK 23 BBLS RELEASE PKR & RETRIEVE RBP. PULL ABOVE LINER. 300 BBLS TO RECOVER. (STARTED COMMUNICATING EARLY IN JOB ENGINEERING DECIDED TO CUT STAGE AND PUMP A STAGE 11 LATER WITH EXCESS ACID.) SHUT AND LOCK PIPE RAMS, SHUT CASING VALVES INSTALL BULL PLUGS. INSTALL TIW VALVE W/ BULL PLUG.
7/16/2016	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (PULLING AND RUNNING TUBING)

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2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	7:30 13:00	5.50	WOR	39		P		POOH W/ 2 7/8", LAY DOWN 2 3/8" WORK STRING. RIH W/ 302 JTS 2 7/8", 7" HD PACKER. SET @ 9700'. FILL AND TEST CASING W/ 223 BBLS TEST TO 1000 PSI. RU ACID EQ.,
	13:00 17:00	4.00	STG11	35		P		NU & TEST PUMP & LINES PUMP 55 GAL M 80 172, 2 BBL SPACER 55 GAL P-3225 EST INJ RATE OF 6.3 BBLS @ 289 PSI W/ ISDP OF 50 PSI, TREAT STAGE 11 W/ 23,000 GAL OF 15% HCL, DROP 180 BIO BALLS FOR DIVERSION, 30 GAL MX-826-2 FLUSH 10 OVER VOLUME TO BTN PERF. ISDP @ 2110 PSI, 15 MIN @ 685 PSI, MAX PSI 4523, MAX RATE 9.9 BBLS, AVG PSI 3325, AVG RATE 8.6 BBLS, NU FLOW LINE FLOW BACK 45 BBLS RELEASE PKR. POOH W/ 302 JTS 2 7/8" TUBING, L/D AND RETIRE 7" HD PACKER.
	17:00 18:30	1.50	INARTLT	03		P		PUMU & RIH W/ 2 7/8" BULL PLUG, 5 3/4" NO-GO, 2 JTS 2 7/8", 5 1/2" PBGA, 4' PUP JT, +45 PSN, 7" TAC, 220 JTS 2 7/8" 8RD. SHUT AND LOCK PIPE RAMS, SHUT CASING VALVES INSTALL BULL PLUGS. INSTALL TIW VALVE W/ BULL PLUG.
7/17/2016	6:00 7:30	1.50	INSTUB	28		P		CT TGSM & JSA (RUNNING ARTIFICIAL LIFT)
	7:30 11:00	3.50	INSTUB	03		P		CIH W/ 97 JTS 2 7/8" 8RD, SET TAC @ 10,083'. LAND TBG W/ 6' PUP JT, RD WORK FLOOR AND TUBING EQ., ND BOP, RE LAND TBG W/ 25 K TENSION. FLUSH TBG W/ 10 GAL CORR INH, AND 65 BBLS KCL.
	11:00 13:30	2.50	INARTLT	03		P		PU STROKE TEST MU & RIH W/ 2 1/2" X 1 3/4" X 38' ACCELERATED PUMP, PU 50 NEW 1" W/G, 100 3/4" W/G, 139 7/8" MIXED (TP 17 NEW) 112 1" MIXED (TOP 13 NEW) SPACE OUT W/ 8',6',2' SUBS AND 1 1/2" X 40' P ROD. FILL W/ 20 BBLS, L/S TO 1000 PSIG. RD SLIDE UNIT TOTP.

RECEIVED: Oct. 10, 2016